

## Amended Table A. Applicable Engine Families for the CDTi Purifier Plus M

**MY 1994**

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
Caterpillar	RCP403DZDAAA	6.6	3116	all certified ratings
Caterpillar	RCP403DZDABA	6.6	3116	all certified ratings
Caterpillar	RCP403DZDARW	6.6	3116	all certified ratings
Caterpillar	RCP403DZDASW	6.6	3116	all certified ratings
Caterpillar	RCP629EZDARA	10.3	3176	all certified ratings
Caterpillar	RCP638EZDARA	10.5	3306	all certified ratings
Caterpillar	RCP893EZDARA	14.6	3406	up to 450hp
Cummins	RCE359D6DAAB	5.9	B5.9	all certified ratings
Cummins	RCE359D6DAAW	5.9	B5.9	all certified ratings
Cummins	RCE359D6DABW	5.9	B5.9	all certified ratings
Cummins	RCE359D6DASW	5.9	B5.9	all certified ratings
Cummins	RCE505D6DAAA	8.3	C8.3	all certified ratings
Cummins	RCE505D6DAAB	8.3	C8.3	all certified ratings
Cummins	RCE505D6DAAC	8.3	C8.3	all certified ratings
Cummins	RCE505F6DAAW	8.3	C8.3 urb bus	all certified ratings
Cummins	RCE505F6DABW	8.3	C8.3 urb bus	all certified ratings
Cummins	RCE505D6DARW	8.3	C8.3	all certified ratings
Cummins	RCE661EJDARA	10.8	M11	all certified ratings
Cummins	RCE661EJDARC	10.8	M11	all certified ratings
Cummins	RCE661EJDARW	10.8	M11	all certified ratings
Cummins	RCE661FJDAAA	10.8	M11 urb bus	all certified ratings
Cummins	RCE855EJDARW	14	N14	up to 450hp
Cummins	RCE855EJDASW	14	N14	all certified ratings
DDC	RDD8.5EJDARA	8.5	S50	all certified ratings
DDC	RDD8.5EJDARW	8.5	S50	all certified ratings
DDC	RDD8.5FJDABA	8.5	S50 urb bus	all certified ratings
DDC	RDD8.5FJDARW	8.5	S50 urb bus	all certified ratings
DDC	RDD11.EJDARA	11.1	S60	all certified ratings
DDC	RDD12.EJDARA	12.7	S60	all certified ratings
Detroit Diesel	RDD12.EJDASW	12.7	S60	all certified ratings
General Motors	RGM6.5C6DAAA	6.5	L65	all certified ratings
General Motors	RGM6.5C6DAAB	6.5	L65	all certified ratings
General Motors	RGM6.5C6DAAC	6.5	L65	all certified ratings
General Motors	RGM6.5C6DARW	6.5	L57	all certified ratings
Hino	RHM3.8C7DARW	3.8	W04-TC	all certified ratings
Hino	RHM6.5D7DARW	6.5	H06C-TT	all certified ratings
International	RNV408D6DAAW	6.7	DT408	all certified ratings
International	RNV444C8DABA	7.3	DT444	all certified ratings
International	RNV7.3C8DAAA	7.3	DT444	all certified ratings
International	RNV444C8DARA	7.3	DT444	all certified ratings
International	RNV466D6DOTW	7.6	DT466	all certified ratings
International	RNV466D6DAAA	7.6	DT466	all certified ratings
International	RNV466D6DABA	7.6	DT466	all certified ratings
International	RNV466D6DARW	7.6	DT466	all certified ratings

## MY 1994

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
International	RNV466D6DASW	7.6	DT466	all certified ratings
International	RNV530D6DAAA	8.7	DT530	all certified ratings
International	RNV530D6DARW	8.7	DT530	all certified ratings
Isuzu	RSZ3.9C6DARW	3.9	4BD2TC	all certified ratings
Mack	RMK728EGDARA	11.9	E7	all certified ratings
Mack	RMK728EJDARA	11.9	E7	all certified ratings
Mack	RMK728EGDATW	11.9	E7	all certified ratings
Mack	RMK728EJDARW	11.9	E7	all certified ratings
Mack	RMK12.EJDARW	11.9	E7	all certified ratings
Mack	RMK728EGDASW	11.9	E7	all certified ratings
Mack	RMK728EJDASW	11.9	E7	all certified ratings
Mack	RMK728EJDATW	11.9	E7	all certified ratings
Mercedes Benz	RMB6.0D6DAAA	6.0	OM366LA	all certified ratings
Mercedes Benz	RMB6.0D6DARA	6.0	OM366LA	all certified ratings
Mercedes	RMB10.E6DARA	10	OM449LA	all certified ratings
Mercedes	RMB12.E6DARA	12	OM447LA	all certified ratings
Mitsubishi	RMT238B7DAAA	3.9	4D34	all certified ratings
Nissan	RND254C6DAAA	4.2	TD42TI	all certified ratings
Nissan	RND423D6DAAA	6.9	FE6TA	all certified ratings
Perkins	RPK243C6DAAA	4.0	Phaser 110Ti	all certified ratings
Perkins	RPK365DGDA AAA	5.9	Phaser 180Ti	all certified ratings
Perkins	RPK365D6DAAA	6.0	Phaser 180Ti	all certified ratings
Saab-Scania	RSA673E6DARA	11.0		all certified ratings
Volvo	RVT6.7D6DBRA	6.7	D7	all certified ratings
Volvo	RVT12.EJDBRA	12.1	D12	all certified ratings

## MY 1995

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
Caterpillar	SCP403DZDAAA	6.6	3116	all certified ratings
Caterpillar	SCP403DZDABA	6.6	3116	all certified ratings
Caterpillar	SCP403DZDARK	6.6	3116	all certified ratings
Caterpillar	SCP403DZDARW	6.6	3116	all certified ratings
Caterpillar	SCP442DZDARK	7.2	3126	all certified ratings
Caterpillar	SCP629EZDARK	10.3	3176	all certified ratings
Caterpillar	SCP629EZDARM	10.3	3176	all certified ratings
Caterpillar	SCP638EZDARA	10.5	3306	all certified ratings
Caterpillar	SCP729EZDARL	11.9	C12	all certified ratings
Caterpillar	SCP893EZDARK	14.6	3406	up to 450hp
Caterpillar	SCP893EZDARW	14.6	3406	all certified ratings
Cummins	SCE239D6DAAA	3.9	B3.9	all certified ratings
Cummins	SCE359D6DAAA	5.9	B5.9	all certified ratings
Cummins	SCE359D6DAAW	5.9	B5.9	all certified ratings
Cummins	SCE359D6DABW	5.9	B5.9	all certified ratings
Cummins	SCE359D6DARW	5.9	B5.9	all certified ratings
Cummins	SCE505D6DAAA	8.3	C8.3	all certified ratings

## MY 1995

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
Cummins	SCE505D6DAAW	8.3	C8.3	all certified ratings
Cummins	SCE505D6DABW	8.3	C8.3	all certified ratings
Cummins	SCE505F6DAAW	8.3	C8.3 urb bus	all certified ratings
Cummins	SCE505D6DARW	8.3	C8.3	all certified ratings
Cummins	SCE505F6DABW	8.3	C8.3	all certified ratings
Cummins	SCE661EJDARA	10.8	M11	all certified ratings
Cummins	SCE661EJDARC	10.8	M11	all certified ratings
Cummins	SCE661EJDARW	10.8	M11	all certified ratings
Cummins	SCE661EJDASW	10.8	M11	all certified ratings
Cummins	SCE661EJDATW	10.8	M11	all certified ratings
Cummins	SCE661FJDAAA	10.8	M11 urb bus	all certified ratings
Cummins	SCE855EJDARA	14	N14	up to 450hp
Cummins	SCE855EJDARB	14	N14	all certified ratings
Cummins	SCE855EJDARW	14	N14	up to 450hp
Cummins	SCE855EJDASW	14	N14	all certified ratings
Cummins	SCE855EJDATW	14	N14	up to 450hp
DDC	SDD8.5EJDARA	8.5	S50	all certified ratings
DDC	SDD8.5EJDARW	8.5	S50	all certified ratings
DDC	SDD8.5FJDABA	8.5	S50 urb bus	all certified ratings
DDC	SDD11.EJDARA	11.1	S60	all certified ratings
DDC	SDD12.EJDARA	12.7	S60	all certified ratings
Detroit Diesel	SDD12.EJDASW	12.7	S60	all certified ratings
General Motors	SGM6.5C6DAAC	6.5	L65	all certified ratings
General Motors	SGM6.5C6DAAB	6.5	L65	all certified ratings
General Motors	SGM6.5C6DAAW	6.5	L65	all certified ratings
General Motors	SGM6.5C6DABW	6.5	L57	all certified ratings
Hino	SHM3.8C7DARW	3.8	W04C	all certified ratings
Hino	SHM6.5D7DARW	6.5	H06C	all certified ratings
International	SNV444C8D0AA	7.3	DT444	all certified ratings
International	SNV444C8D0RA	7.3	DT444	all certified ratings
International	SNV444C8D0SA	7.3	DT444	all certified ratings
International	SNV444C8DAAA	7.3	DT444	all certified ratings
International	SNV444C8DARW	7.3	DT444	all certified ratings
International	SNV444C8DASW	7.3	DT444	all certified ratings
International	SNV7.3C8DAAA	7.3	DT444 / Ford Powerstroke	all certified ratings
International	SNV466D6DARA	7.6	DT466	all certified ratings
International	SNV466D6DASA	7.6	DT466	all certified ratings
International	SNV466D6DATA	7.6	DT466	all certified ratings
International	SNV466D8DARB	7.6	DT466	all certified ratings
International	SNV466D8DASB	7.6	DT466	all certified ratings
International	SNV466D8DATB	7.6	DT466	all certified ratings
International	SNV530D6DARA	8.7	DT530	all certified ratings
International	SNV530E6DASA	8.7	DT530	all certified ratings
International	SNV530F6DATA	8.7	DT530 / S40 urban bus	all certified ratings

## MY 1995

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
Isuzu	SSZ3.9C6DARW	3.9	4BD2	all certified ratings
Isuzu	SSZ7.1D6DAAA	7.1	6HE1	all certified ratings
Isuzu	SSZ7.1D6DARW	7.1	6HE1XN	all certified ratings
Mack	SMK728EGDARA	11.9	E7	all certified ratings
Mack	SMK728EJDARA	11.9	E7	all certified ratings
Mack	SMK12.EJDARW	11.9	E7	all certified ratings
Mack	SMK728EGDASW	11.9	E7	all certified ratings
Mack	SMK728EGDATW	11.9	E7	all certified ratings
Mack	SMK728EJDARW	11.9	E7	all certified ratings
Mack	SMK728EJDASW	11.9	E7	all certified ratings
Mack	SMK728EJDATW	11.9	E7	all certified ratings
Mercedes Benz	SMB6.0D6DAAA	6	OM366LA	all certified ratings
Mercedes Benz	SMB6.0D6DARA	6	OM366LA	all certified ratings
Mercedes Benz	SMB10.E6DARA	10	OM449LA	all certified ratings
Mercedes Benz	SMB12.E6DARA	12	OM447LA	all certified ratings
Mitsubishi	SMT238B7DAAA	3.9	4D34	all certified ratings
Mitsubishi	SMT460D7DAAA	7.5	6D16	all certified ratings
Mitsubishi	SMT460D7DARW	7.5	6D16	all certified ratings
Nissan	SND254C6DAAA	4.2	TD42	all certified ratings
Nissan	SND423D6DAAA	6.9	FE6TA	all certified ratings
Perkins	SPK243C6DAAA	4	Phaser 110Ti	all certified ratings
Perkins	SPK365D6DAAA	6	Phaser 180Ti	all certified ratings
Renault	SR3377D8DAAW	6.2	L511	all certified ratings
Renault	SR3377D8DABW	6.2	M511	all certified ratings
Renault	SR3377D8DARW	6.2	MIDR06	all certified ratings
Renault	SR3377D8DASW	6.2	MIDR06	all certified ratings
Volvo	SVT6.7D6DBRA	6.7	D7	all certified ratings
Volvo	SVT12.EJDBRA	12.1	D12	all certified ratings

## MY 1996

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
Caterpillar	TCP403DZDAAA	6.6	3116	all certified ratings
Caterpillar	TCP403DZDABA	6.6	3116	all certified ratings
Caterpillar	TCP403DZDARK	6.6	3116	all certified ratings
Caterpillar	TCP442DZDAAK	7.2	3126	all certified ratings
Caterpillar	TCP442DZDARK	7.2	3126	all certified ratings
Caterpillar	TCP629EZDARK	10.3	3176	all certified ratings
Caterpillar	TCP629EZDARM	10.3	C10	all certified ratings
Caterpillar	TCP638EZDARA	10.5	3306	all certified ratings
Caterpillar	TCP729EZDARL	11.9	C12	all certified ratings
Caterpillar	TCP893EZDARK	14.6	3406	up to 450hp
Caterpillar	TCP893EZDARW	14.6	3406	all certified ratings
Cummins	TCE239D6DAAA	3.9	B3.9	all certified ratings
Cummins	TCE359D6DAAA	5.9	B5.9	all certified ratings
Cummins	TCE359D6DABW	5.9	B5.9	all certified ratings

## MY 1996

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
Cummins	TCE359D6DAAW	5.9	B5.9	all certified ratings
Cummins	TCE359JDARW	5.9	B5.9	all certified ratings
Cummins	TCE359D6D1AA	5.9	B5.9	all certified ratings
Cummins	TCE505D6DAAA	8.3	C8.3	all certified ratings
Cummins	TCE505D6DAAW	8.3	C8.3	all certified ratings
Cummins	TCE505D6DABW	8.3	C8.3	all certified ratings
Cummins	TCE505F6DAAW	8.3	C8.3	all certified ratings
Cummins	TCE505F6DABW	8.3	C8.3	all certified ratings
Cummins	TCE661EJDARA	10.8	M11	all certified ratings
Cummins	TCE661EJDARB	10.8	M11	all certified ratings
Cummins	TCE661EJDARC	10.8	M11	all certified ratings
Cummins	TCE661EJDARW	10.8	M11	all certified ratings
Cummins	TCE661EJDASW	10.8	M11	all certified ratings
Cummins	TCE661EJDATW	10.8	M11	all certified ratings
Cummins	TCE661FJDABA	10.8	M11 urb bus	all certified ratings
Cummins	TCE661FJDAAA	10.8	M11 urb bus	all certified ratings
Cummins	TCE855EJDARA	14	N14	up to 450hp
Cummins	TCE855EJDARB	14	N14	all certified ratings
Cummins	TCE855EJDARW	14	N14	up to 450hp
Cummins	TCE855EJDASW	14	N14	all certified ratings
Cummins	TCE855EJDATW	14	N14	up to 450hp
DDC	TDD8.5EJDARA	8.5	S50	all certified ratings
DDC	TDD8.5EJDARW	8.5	S50	all certified ratings
DDC	TDD8.5FJDABA	8.5	S50 urb bus	all certified ratings
DDC	TDD11.EJDARA	11.1	S60	all certified ratings
DDC	TDD12.EJDASW	12.7	S60	all certified ratings
DDC	TDD12.EJDATW	12	S55	all certified ratings
DDC	TDD12.EJDARA	12.7	S60	up to 475hp
General Motors	TGM6.5C6DAAA	6.5	L65	all certified ratings
General Motors	TGM6.5C6DABA	6.5	L65	all certified ratings
General Motors	TGM6.5C6DABW	6.5	L65	all certified ratings
General Motors	TGM6.5C6DAAW	6.5	L57	all certified ratings
General Motors	TGM6.5C6DARW	6.5	L65	all certified ratings
Hino	THM3.8C7DARW	3.8	W04C	all certified ratings
Hino	THM6.5D7DARW	6.5	H06C	all certified ratings
International	TNV444C8DORA	7.3	DT444	all certified ratings
International	TNV444C8DOSA	7.3	DT444	all certified ratings
International	TNV444C8DARW	7.3	DT444	all certified ratings
International	TNV444C8DASW	7.3	DT444	all certified ratings
International	TNV7.3C8DAAA	7.3	DT444	all certified ratings
International	TNV7.3B8D0AA	7.3	DT444 / Ford Powerstroke	all certified ratings
International	TNV466D6DARB	7.6	DT466	all certified ratings
International	TNV466D6DATB	7.6	DT466	all certified ratings
International	TNV466D8DARB	7.6	DT466	all certified ratings

**MY 1996**

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
International	TNV530D8DARA	8.7	DT530	all certified ratings
International	TNV530E6DASA	8.7	DT530	all certified ratings
International	TNV530E8DASA	8.7	DT530	all certified ratings
International	TNV530F6DATA	8.7	DT530 / S40 urb bus	all certified ratings
Isuzu	TSZ3.9C6DARW	3.9	4BD2	all certified ratings
Isuzu	TSZ7.1D6DAAA	7.1	6HE1	all certified ratings
Mack	TMK728EGDARA	11.9	E7	all certified ratings
Mack	TMK728EJDARA	11.9	E7	all certified ratings
Mack	TMK12.EJDARW	11.9	E7	all certified ratings
Mack	TMK12.EJDATW	11.9	E7	all certified ratings
Mack	TMK728EGDATW	11.9	E7	all certified ratings
Mack	TMK728EJDASW	11.9	E7	all certified ratings
Mack	TMK728EGDASW	11.9	E7	all certified ratings
Mack	TMK728EJDARW	11.9	E7	all certified ratings
Mack	TMK728EJDATW	11.9	E7	all certified ratings
Mercedes Benz	TMB6.0D6DAAA	6.0	OM366LA	all certified ratings
Mercedes Benz	TMB6.0D6DARA	6.0	OM366LA	all certified ratings
Mitsubishi	TMT238C7DBAA	3.9	4D34	all certified ratings
Mitsubishi	TMT358D7DBAA	5.9	6D34	all certified ratings
Mitsubishi	TMT460D7DBAA	7.5	6D16	all certified ratings
Nissan	TND254C6DAAA	4.2	TD42	all certified ratings
Nissan	TND423D6DAAA	6.9	FE6TA	all certified ratings
Perkins	TPK243C6DAAA	4.0	Phaser 110Ti	all certified ratings
Perkins	TPK365D6DAAA	6.0	Phaser 180Ti	all certified ratings
Renault	TR3377D8DAAW	6.2	L511	all certified ratings
Renault	TR3377D8DABW	6.2	M511	all certified ratings
Renault	TR3377D8DARW	6.2	MIDR06	all certified ratings
Renault	TR3377D8DASW	6.2	MIDR06	all certified ratings
Scania	TY912.EGDARA	12.0	DSC12	all certified ratings
Volvo	TVT6.7D6DBRA	6.7	D7	all certified ratings
Volvo	TVT12.EJDBRA	12.1	D12	all certified ratings

**MY 1997**

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
Caterpillar	VCP403DZDAAA	6.6	3116	all certified ratings
Caterpillar	VCP403DZDABA	6.6	3116	all certified ratings
Caterpillar	VCP403DZDARK	6.6	3116	all certified ratings
Caterpillar	VCP442DZDAAK	7.2	3126	all certified ratings
Caterpillar	VCP442DZDARK	7.2	3126	all certified ratings
Caterpillar	VCP629EZDARK	10.3	3176	all certified ratings
Caterpillar	VCP629EZDARX	10.3	C10	all certified ratings
Caterpillar	VCP638EZDARA	10.5	3306C	all certified ratings

## MY 1997

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
Caterpillar	VCP729EZDARX	11.9	C12	all certified ratings
Caterpillar	VCP893EZDARA	14.6	3406C	all certified ratings
Caterpillar	VCP893EZDARX	14.6	3406E	up to 450hp
Cummins	VCE239D6DAAA	3.9	B3.9	all certified ratings
Cummins	VCE359D6DAAA	5.9	B5.9	all certified ratings
Cummins	VCE359D6DABW	5.9	B5.9	all certified ratings
Cummins	VCE359DJDARA	5.9	B5.9	all certified ratings
Cummins	VCE359D6DAAW	5.9	B5.9	all certified ratings
Cummins	VCE359D6DARW	5.9	B5.9	all certified ratings
Cummins	VCE359D6D1AK	5.9	B5.9	all certified ratings
Cummins	VCE505D6DAAA	8.3	C8.3	all certified ratings
Cummins	VCE505D6DAAW	8.3	C8.3	all certified ratings
Cummins	VCE505D6DABW	8.3	C8.3	all certified ratings
Cummins	VCE505F6DAAW	8.3	C8.3	all certified ratings
Cummins	VCE505F6DABW	8.3	C8.3	all certified ratings
Cummins	VCE661EJDARB	10.8	M11	all certified ratings
Cummins	VCE661EJDARC	10.8	M11	all certified ratings
Cummins	VCE661EJDASA	10.8	M11	all certified ratings
Cummins	VCE661EJDATW	10.8	M11	all certified ratings
Cummins	VCE661FJDABA	10.8	M11 urb bus	all certified ratings
Cummins	VCE661FJDAAA	10.8	M11 urb bus	all certified ratings
Cummins	VCE855EJDARA	14	N14	up to 450hp
Cummins	VCE855EJDARB	14	N14	all certified ratings
Cummins	VCE855EJDARC	14	N14	up to 450hp
Cummins	VCE855EJDATW	14	N14	up to 450hp
DDC	VDD3.8C8DABA	3.8	VM638	all certified ratings
DDC	VDD8.5EJDARA	8.5	S50	all certified ratings
DDC	VDD8.5FJDABA	8.5	S50 urb bus	all certified ratings
DDC	VDD11.EJDARA	11.1	S60	all certified ratings
DDC	VDD12.EJDATA	12	S55	all certified ratings
DDC	VDD12.EJDARA	12.7	S60	all certified ratings
General Motors	VGM6.5C6DAAA	6.5	L65	all certified ratings
General Motors	VGM6.5C6DABA	6.5	L65	all certified ratings
General Motors	VGM6.5C6DABW	6.5	L65	all certified ratings
General Motors	VGM6.5C6DARW	6.5	L65	all certified ratings
General Motors	VGM6.5C6DAAC	6.5	L57	all certified ratings
General Motors	VGM6.5C6DAAW	6.5	L57	all certified ratings
Hino	VHM8.0DHDARA	5.3	J05C	all certified ratings
Hino	VHM8.0DHDARA	8	L08C	all certified ratings
International	VNV444C8DARW	7.3	DT444	all certified ratings
International	VNV444C8DASW	7.3	DT444	all certified ratings
International	VNV7.3C8DAAA	7.3	DT444 / Ford Powerstroke	all certified ratings
International	VNV7.3C8DAAW	7.3	DT444 / Ford Powerstroke	all certified ratings

## MY 1997

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
International	VNV7.3W8D0AK VFM7.3W8D1AK WFMXA07.3WBC	7.3	DT444 / Ford Powerstroke	all certified ratings
International	VNV466D6DARA	7.6	DT466	all certified ratings
International	VNV466D8DARW	7.6	DT466E	all certified ratings
International	VNV466D8DASA	7.6	DT466E	all certified ratings
International	VNV466F8DAAA	7.6	DT466 urb bus	all certified ratings
International	VNV530F8DAAA	8.7	DT530 urb bus	all certified ratings
International	VNV530D6DARA	8.7	DT530	all certified ratings
International	VNV530D8DARA	8.7	DT530E	all certified ratings
International	VNV530E6DASA	8.7	DT530	all certified ratings
International	VNV530E8DASA	8.7	DT530E	all certified ratings
Isuzu	VSZ3.9C6DARA	3.9	4BD2	all certified ratings
Isuzu	VSZ7.1D6DAAA	7.1	6HE1	all certified ratings
Isuzu	VSZ7.1D6DAAW	7.1	6HE1	all certified ratings
Mack	VMK728EGDARA	11.9	E7	all certified ratings
Mack	VMK728EJDARA	11.9	E7	all certified ratings
Mack	VMK728EJDAYW	11.9	E7	all certified ratings
Mack	VMK12.EJDARW	11.9	E7	all certified ratings
Mack	VMK12.EJDASW	11.9	E7	all certified ratings
Mack	VMK12.EJDATW	11.9	E7	all certified ratings
Mack	VMK728EGDASW	11.9	E7	all certified ratings
Mack	VMK728EGDATW	11.9	E7	all certified ratings
Mack	VMK728EJDARW	11.9	E7	all certified ratings
Mack	VMK728EJDASW	11.9	E7	all certified ratings
Mack	VMK728EJDATW	11.9	E7	all certified ratings
Mack	VMK728EJDAZW	11.9	E7	all certified ratings
Mack	VMK602E6DARW	9.8	EM5	all certified ratings
Mercedes Benz	VMB12.EJDARA	12.0	OM457LA	all certified ratings
Mercedes Benz	VMB6.0D6DAAA	6.0	OM366LA	all certified ratings
Mercedes Benz	VMB6.0D6DARA	6.0	OM366LA	all certified ratings
Mitsubishi	VMT238C7DBAA	3.9	4D34	all certified ratings
Mitsubishi	VMT358D7DBAA	5.9	6D34	all certified ratings
Mitsubishi	VMT460D7DBAA	7.5	6D16	all certified ratings
Nissan	VND254C6DAAA	4.2	TD42	all certified ratings
Nissan	VND423D6DAAA	6.9	FE6TA	all certified ratings
Perkins	VPK365D6DAAA	6.0	Phaser 180Ti	all certified ratings
Renault	VR3377D8DARW	6.2	MIDR06	all certified ratings
Renault	VR3377D8DASW	6.2	MIDR06	all certified ratings
Renault	VR3377D8DAAW	6.2	L511	all certified ratings
Renault	VR3377D8DABW	6.2	M511	all certified ratings
Volvo	VVT6.7D6DBRA	6.7	D7	all certified ratings
Volvo	VVT12.EJDBRA	12.1	D12	all certified ratings



## MY 1998

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
Caterpillar	WCPXH0442HRK	7.2	3126	all certified ratings
Caterpillar	WCPXH0442HSK	7.2	3126	all certified ratings
Caterpillar	WCPXH0629ERK	10.3	C10	all certified ratings
Caterpillar	WCPXH0638MRW	10.5	3306	all certified ratings
Caterpillar	WCPXH0729ERK	11.9	C12	up to 450hp
Caterpillar	WCPXH0893ERK	14.6	3406	up to 450hp
Caterpillar	WCPXH0893MRW	14.6	3406	all certified ratings
Cummins	WCEXH0239BAA	3.9	B3.9	all certified ratings
Cummins	WCEXH0359BAD	5.9	ISB	all certified ratings
Cummins	WCEXH0359BAE	5.9	ISB	all certified ratings
Cummins	WCEXH0359BAB	5.9	B5.9	all certified ratings
Cummins	WCEXH0359BAC	5.9	B5.9	all certified ratings
Cummins	WCEXH0359BAG	5.9	ISB	all certified ratings
Cummins	WCEXA0359BAH	5.9	ISB	all certified ratings
Cummins	WCEXA0359BAN	5.9	ISB	all certified ratings
Cummins	WCEXH0505CAC	8.3	ISC	all certified ratings
Cummins	WCEXH0505CAD	8.3	ISC	all certified ratings
Cummins	WCEXH0505CAE	8.3	ISC	all certified ratings
Cummins	WCEXH0505CAF	8.3	ISC	all certified ratings
Cummins	WCEXH0505CAA	8.3	C8.3	all certified ratings
Cummins	WCEXH0661MAA	10.8	ISM	all certified ratings
Cummins	WCEXH0661MAB	10.8	ISM	all certified ratings
Cummins	WCEXH0661MAC	10.8	ISM urb bus	all certified ratings
Cummins	WCEXH0661MAD	10.8	ISM	all certified ratings
Cummins	WCEXH0661MAE	10.8	ISM	all certified ratings
Cummins	WCEXH0661MAF	10.8	ISM	all certified ratings
Cummins	WCEXH0855NAA	14	N14E	up to 450hp
Cummins	WCEXH0855NAB	14	N14E	up to 450hp
Cummins	WCEXH0855NAC	14	N14E	all certified ratings
DDC	WDDXH03.8C1C	3.8	Turbotronic 638	all certified ratings
DDC	WDDXH08.5EJD	8.5	S50	all certified ratings
DDC	WDDXH08.5FJC	8.5	S50	all certified ratings
DDC	WDDXH11.1EHD	11.1	S60	all certified ratings
DDC	WDDXH12.7EGD	12.7	S60	up to 475hp
General Motors	WGMXH06.5521	6.5	L65	all certified ratings
General Motors	WGMXH06.5522	6.5	L65	all certified ratings
General Motors	WGMXH06.5523	6.5	L65	all certified ratings
General Motors	WGMXH06.5524	6.5	L57	all certified ratings
General Motors	WGMXH06.5526	6.5	L65	all certified ratings
Hino	WHMXH08.0JTR	5.3	J05C	all certified ratings
Hino	WHMXH08.0JTR	8	J08C	all certified ratings
International	WNVXH0444CCB	7.3	DT444	all certified ratings
International	WNVXH0444CCD	7.3	DT444	all certified ratings
International	WNVXH0444FNA	7.3	DT444	all certified ratings
International	WNVXH0444FNC	7.3	DT444	all certified ratings
International	WNVXH0466CCB	7.6	DT466	all certified ratings

**MY 1998**

<b>Manufacturer</b>	<b>Engine Family</b>	<b>Displ. (L)</b>	<b>Engine Model</b>	<b>Power Range Limit</b>
International	WNVXH0466CCD	7.6	DT466	all certified ratings
International	WNVXH0466ENE	7.6	DT466	all certified ratings
International	WNVXH0466FNA	7.6	DT466	all certified ratings
International	WNVXH0466FNC	7.6	DT466	all certified ratings
International	WNVXH0530CCB	8.7	DT530	all certified ratings
International	WNVXH0530CCD	8.7	DT530	all certified ratings
International	WNVXH0530FNA	8.7	DT530	all certified ratings
International	WNVXH0530FNC	8.7	DT530	all certified ratings
Isuzu	WSZXH07.84RA	7.8	6HK	all certified ratings
Mack	WMKXH0602M48	9.8	EM5	all certified ratings
Mack	WMKXH11.9E51	11.9	E7	all certified ratings
Mack	WMKXH11.9E52	11.9	E7	all certified ratings
Mack	WMKXH11.9E53	11.9	E7	all certified ratings
Mack	WMKXH0728V40	11.9	E7	all certified ratings
Mack	WMKXH0728V41	11.9	E7	all certified ratings
Mack	WMKXH0728V43	11.9	E7	all certified ratings
Mack	WMKXH0728M44	11.9	E7	all certified ratings
Mercedes Benz	WMBXH4.25DJA	4.2	OM904LA	all certified ratings
Nissan	WNDXH04.2TAB	4.2	TD42Ti	all certified ratings
Nissan	WNDXH06.9FAB	6.9	FE6TA	all certified ratings
Renault	WR3XH0377BNF	6.2	MIDR06	all certified ratings
Scania	WY9XH11.7203	11.7	DSC12	all certified ratings
Volvo	WVTXH07.350S	7.3	D7	all certified ratings
Volvo	WVTXH12.150S	12.1	D12	all certified ratings

**MY 1999**

<b>Manufacturer</b>	<b>Engine Family</b>	<b>Displ. (L)</b>	<b>Engine Model</b>	<b>Power Range Limit</b>
Caterpillar	XCPXH0442HRK	7.2	3126	all certified ratings
Caterpillar	XCPXH0442HSK	7.2	3126	all certified ratings
Caterpillar	XCPXH0629ERK	10.3	C10	all certified ratings
Caterpillar	XCPXH0638MRW	10.5	3306	all certified ratings
Caterpillar	XCPXH0729ERK	11.9	C12	up to 450hp
Caterpillar	XCPXH0893ERK	14.6	3406	up to 450hp
Caterpillar	XCPXH0893MRW	14.6	3406	all certified ratings
Cummins	XCEXH0239BAA	3.9	B3.9	all certified ratings
Cummins	XCEXH0359BAI	5.9	ISB	all certified ratings
Cummins	XCEXH0359BAJ	5.9	ISB	all certified ratings
Cummins	XCEXH0359BAK	5.9	ISB	all certified ratings
Cummins	XCEXH0359BAM	5.9	ISB	all certified ratings
Cummins	XCEXA0359BAN	5.9	ISB	all certified ratings
Cummins	XCEXH0359BAQ	5.9	ISB	all certified ratings
Cummins	XCEXH0359BAR	5.9	ISB	all certified ratings
Cummins	XCEXA0359BAT	5.9	ISB	all certified ratings
Cummins	XCEXH0505CAC	8.3	ISC	all certified ratings
Cummins	XCEXH0505CAD	8.3	ISC	all certified ratings

## MY 1999

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
Cummins	XCEXH0661MAC	10.8	M11 urb bus	all certified ratings
Cummins	XCEXH0661MAG	10.8	ISM urb bus	all certified ratings
Cummins	XCEXH0661MAH	10.8	ISM	all certified ratings
Cummins	XCEXH0661MAI	10.8	ISM	all certified ratings
Cummins	XCEXH0855NAD	14	N14	up to 450hp
Cummins	XCEXH0855NAE	14	N14	up to 450hp
Cummins	XCEXH0855NAF	14	N14	all certified ratings
DDC	XDDXH03.8C1N	3.8	Turbotronic 638	all certified ratings
DDC	XDDXH08.5EJL	8.5	S50	all certified ratings
DDC	XDDXH08.5FJN	8.5	S50 urb bus	all certified ratings
DDC	XDDXH11.1EHL	11.1	S60	all certified ratings
DDC	XDDXH12.7EGL	12.7	S60	all certified ratings
General Motors	XGMXH06.5521	6.5	L65	all certified ratings
General Motors	XGMXH06.5522	6.5	L65	all certified ratings
General Motors	XGMXH06.5523	6.5	L65	all certified ratings
General Motors	XGMXH06.5524	6.5	L65	all certified ratings
General Motors	XGMXH06.5526	6.5	L65	all certified ratings
Hino	XHMXH08.0JTR	5.3	J05C	all certified ratings
Hino	XHMXH08.0JTR	8	J08C	all certified ratings
International	XNVXH0444ANA	7.3	DT444	all certified ratings
International	XNVXH0444ANB	7.3	DT444	all certified ratings
International	XNVXH0444ACC	7.3	DT444	all certified ratings
International	XNVXH07.3ACA	7.3	DT444/Ford Powerstroke	all certified ratings
International	XNVXH07.3ANE	7.3	DT444/Ford Powerstroke	all certified ratings
International	XNVXH07.3FCC	7.3	7.3DIT	all certified ratings
International	XNVXH07.3FNH	7.3	7.3DIT	all certified ratings
International	XNVXH07.3ACB XFMXA07.3WBC	7.3	DT444/Ford Powerstroke	all certified ratings
International	XNVXA07.3CCD XFMXA07.3WBN WFMXZ07.3WBC	7.3	DT444/Ford Powerstroke	all certified ratings
International	XNVXH07.3ACC XFMXA07.3WGC	7.3	DT444/Ford Powerstroke	all certified ratings
International	XNVXH07.3ANF	7.3	DT444/Ford Powerstroke	all certified ratings
International	XNVXA07.3CNJ	7.3	DT444/Ford Powerstroke	all certified ratings
International	XNVXH0466ANA	7.6	DT466E	all certified ratings
International	XNVXH0466ANB	7.6	DT466E	all certified ratings
International	XNVXH0530ACT	8.7	DT530E urban bus / DDC S40	all certified ratings
International	XNVXH0530ANA	8.7	DT530E	all certified ratings
International	XNVXH0530ANB	8.7	DT530E	all certified ratings
Isuzu	XSZXH04.83AA	4.8	4HE1	all certified ratings

## MY 1999

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
Isuzu	XSZXH07.84RA	7.8	6HK	all certified ratings
Mack	XMKXH11.9E54	11.9	E7	all certified ratings
Mercedes Benz	XMBXH4.25DJA	4.2	OM904LA	all certified ratings
Mercedes Benz	XMBXH6.37DJA	6.3	OM906LA	all certified ratings
Mitsubishi	XMTXH03.9D4A	3.9	4D34	all certified ratings
Mitsubishi	XMTXH05.8D6A	5.9	6D34	all certified ratings
Mitsubishi	XMTXH07.5D6A	7.5	6D16	all certified ratings
Nissan	XNDXH04.6FAB	4.6	FD46	all certified ratings
Nissan	XNDXH06.9FAB	6.9	FE6TA	all certified ratings
Renault	XR3XH0377KWC	6.2	AB711	all certified ratings
Renault	XR3XH0377LWC	6.2	AA711	all certified ratings
Renault	XR3XH0377BNF	6.2	MIDR06	all certified ratings
Renault	XR3XH0377BWF	6.2	MIDR06	all certified ratings
Volvo	XVTXH07.399B	7.3	D7	all certified ratings
Volvo	XVTXH07.350S	7.3	D7	all certified ratings
Volvo	XVTXH12.150S	12.1	D12	all certified ratings

## MY 2000

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
Caterpillar	YCPXH0442HRK	7.2	3126	all certified ratings
Caterpillar	YCPXH0629ERK	10.3	C10	all certified ratings
Caterpillar	YCPXH0729ERK	11.9	C12	up to 450hp
Caterpillar	YCPXH0893ERK	14.6	3406	up to 450hp
Cummins	YCEXH0239BAA	3.9	B3.9	all certified ratings
Cummins	YCEXH0359BAI	5.9	ISB	all certified ratings
Cummins	YCEXH0359BAO	5.9	ISB	all certified ratings
Cummins	YCEXH0359BAP	5.9	ISB	all certified ratings
Cummins	YCEXH0359BAA	5.9	ISB	all certified ratings
Cummins	YCEXH0359BAX	5.9	ISB	all certified ratings
Cummins	YCEXH0359BAY	5.9	ISB	all certified ratings
Cummins	YCEXA0359BAZ	5.9	ISB	all certified ratings
Cummins	YCEXH0505CAF	8.3	ISC urb bus	all certified ratings
Cummins	YCEXH0505CAG	8.3	ISC	all certified ratings
Cummins	YCEXH0505CAH	8.3	ISC	all certified ratings
Cummins	YCEXH0505CAI	8.3	ISC	all certified ratings
Cummins	YCEXH0540LAA	8.8	ISL	all certified ratings
Cummins	YCEXH0661MAG	10.8	ISM urb bus	all certified ratings
Cummins	YCEXH0661MAH	10.8	ISM	all certified ratings
Cummins	YCEXH0661MAI	10.8	ISM	all certified ratings
Cummins	YCEXH0855NAD	14	N14	up to 450hp
Cummins	YCEXH0855NAE	14	N14	up to 450hp
Cummins	YCEXH0855NAF	14	N14	all certified ratings
DDC	YDDXH03.8C1N	3.8	Turbotronic 638	all certified ratings
DDC	YDDXH08.5EJB	8.5	S50	all certified ratings
DDC	YDDXH08.5EJL	8.5	S50	all certified ratings

## MY 2000

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
DDC	YDDXH08.5FJN	8.5	S50 urb bus	all certified ratings
DDC	YDDXH12.7EGL	12.7	S60	up to 475hp
General Engine Products	YGEPH06.5524	6.5	L57, L65	all certified ratings
General Motors	YGMXH06.5521	6.5	L65	all certified ratings
General Motors	YGMXH06.5522	6.5	L65	all certified ratings
General Motors	YGMXH06.5524	6.5	L57	all certified ratings
General Motors	YGMXH06.5526	6.5	L57	all certified ratings
General Motors	YGMXH06.5528	6.5	L65	all certified ratings
General Motors	YGMXH06.5529	6.5	L65	all certified ratings
Hino	YHMXH05.3JTD	5.3	J05C	all certified ratings
Hino	YHMXH08.0JTP	8	J08C	all certified ratings
Hino	YHMXH08.0JTR	8	J08C	all certified ratings
International	YNVXH0444ACT	7.3	DT444E	all certified ratings
International	YNVXH0444ANA	7.3	DT444E	all certified ratings
International	YNVXH0444ANB	7.3	DT444E	all certified ratings
International	YNVXH0444ANC	7.3	DT444E	all certified ratings
International	YNVXH0444ACD	7.3	DT444	all certified ratings
International	YNVXH07.3ANA	7.3	DT44E / Ford Powerstroke	all certified ratings
International	YNVXH07.3ANC	7.3	DT444E/Ford Powerstroke	all certified ratings
International	YNVXH07.3FNB	7.3	DT444E/Ford Powerstroke	all certified ratings
International	YNVXA07.3CND	7.3	DT444E/Ford Powerstroke	all certified ratings
International	YNVXH0466ANA	7.6	DT466E	all certified ratings
International	YNVXH0466ANB	7.6	DT466E	all certified ratings
International	YNVXH0530ACT	8.7	DT530E urban bus DDC S40	all certified ratings
International	YNVXH0530ANA	8.7	DT530E	all certified ratings
International	YNVXH0530ANB	8.7	DT530E	all certified ratings
International	YNVXL0530ANC	8.7	DT530	all certified ratings
Isuzu	YSZXH04.83AA	4.8	4HE1	all certified ratings
Isuzu	YSZXH07.84RA	7.8	6HK	all certified ratings
Mack	YMKXH11.9H56	12.7	E7-460XT	all certified ratings
Mack	YMKXH11.9V57	11.9	E7	all certified ratings
Mercedes Benz	YMBXH4.25DJA	4.2	OM904LA	all certified ratings
Mercedes Benz	YMBXH6.37DJA	6.3	OM906LA	all certified ratings
Mercedes	YMBXH12.0DJA	12	OM357LA	all certified ratings
Mitsubishi	YMTXH03.9D4A	3.9	4D34	all certified ratings
Mitsubishi	YMTXH05.8D6A	5.9	6D34	all certified ratings
Mitsubishi	YMTXH07.5D6A	7.5	6D16	all certified ratings
Nissan	YNDXH04.6FAB	4.6	FD46	all certified ratings
Nissan	YNDXH06.9FAB	6.9	FE6TA	all certified ratings
Renault	YR3XH0377KWC	6.2	AB711	all certified ratings
Renault	YR3XH0377BWF	6.2	MIDR06	all certified ratings

## MY 2000

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
Scania	YY9XH10.6106	10.6	DC11	all certified ratings
Scania	YY9XH11.7202	11.7	DC12	all certified ratings
Volvo	YVTXH07.350S	7.3	D7	all certified ratings
Volvo	YVTXH12.150S	12.1	D12	all certified ratings

## MY 2001

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
Caterpillar	1CPXH0442HAK	7.2	3126	all certified ratings
Caterpillar	1CPXH0442HBK	7.2	3126	all certified ratings
Caterpillar	1CPXH0442HRK	7.2	3126	all certified ratings
Caterpillar	1CPXH0629ERK	10.3	C10	all certified ratings
Caterpillar	1CPXH0729ERK	11.9	C12	up to 450hp
Caterpillar	1CPXH0893ERK	14.6	C15	up to 450hp
Cummins	1CEXH0239BAD	3.9	ISB	all certified ratings
Cummins	1CEXH0239BAE	3.9	ISB	all certified ratings
Cummins	1CEXH0359BAA	5.9	ISB	all certified ratings
Cummins	1CEXH0359BAO	5.9	ISB	all certified ratings
Cummins	1CEXH0359BAU	5.9	ISB	all certified ratings
Cummins	1CEXH0359BAV	5.9	ISB	all certified ratings
Cummins	1CEXH0359BAX	5.9	ISB	all certified ratings
Cummins	1CEXH0359BAY	5.9	ISB	all certified ratings
Cummins	1CEXA0359BAZ	5.9	ISB	all certified ratings
Cummins	1CEXH0505CAM	8.3	ISC	all certified ratings
Cummins	1CEXH0505CAN	8.3	ISC	all certified ratings
Cummins	1CEXH0505CAO	8.3	ISC	all certified ratings
Cummins	1CEXH0505CAP	8.3	ISC	all certified ratings
Cummins	1CEXH0540LAA	8.8	ISL	all certified ratings
Cummins	1CEXH0540LAB	8.8	ISL	all certified ratings
Cummins	1CEXH0540LAC	8.8	ISL	all certified ratings
Cummins	1CEXH0661MAP	10.8	ISM	all certified ratings
Cummins	1CEXH0661MAQ	10.8	ISM	all certified ratings
Cummins	1CEXH0661MAR	10.8	ISM	all certified ratings
Cummins	1CEXH0855NAD	14	N14	up to 450hp
Cummins	1CEXH0855NAE	14	N14	up to 450hp
Cummins	1CEXH0855NAF	14	N14	all certified ratings
DDC	1DDXH08.5EJB	8.5	S50	all certified ratings
DDC	1DDXH08.5EJL	8.5	S50	all certified ratings
DDC	1DDXH08.5FJY	8.5	S50 urb bus	all certified ratings
DDC	1DDXH12.7EGL	12.7	S60	up to 475hp
General Engine Products	1GEPH06.5CFF	6.5	L65	all certified ratings
General Engine Products	1GEPH06.5521	6.5	L65	all certified ratings
General Engine Products	1GEPH06.5522	6.5	L65	all certified ratings
General Motors	1GMXH06.5521	6.5	L65	all certified ratings
General Motors	1GMXH06.5524	6.5	L57	all certified ratings

## MY 2001

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
General Motors	1GMXH06.5526	6.5	L57	all certified ratings
General Motors	1GMXH06.5528	6.5	L65	all certified ratings
General Motors	1GMXH06.5529	6.5	L65	all certified ratings
Hino	1HMXH05.3JTD	5.3	J05C	all certified ratings
Hino	1HMXH08.0JTP	8	J08C	all certified ratings
Hino	1HMXH08.0JTR	8	J08C	all certified ratings
International	1NVXH0444ANA	7.3	DT444E	all certified ratings
International	1NVXH0444ANB	7.3	DT444E	all certified ratings
International	1NVXH0444ANC	7.3	DT444E	all certified ratings
International	1NVXH0444ACD	7.3	DT444	all certified ratings
International	1NVXH07.3ACE	7.3	DT444E/ Ford Powerstroke	all certified ratings
International	1NVXH07.3ANA	7.3	DT444E/ Ford Powerstroke	all certified ratings
International	1NVXH07.3FNB	7.3	DT444E/Ford Powerstroke	all certified ratings
International	1NVXH07.3ANC	7.3	DT444E/Ford Powerstroke	all certified ratings
International	1NVXA07.3CND	7.3	DT444E/Ford Powerstroke	all certified ratings
International	1NVXA07.3ACF	7.3	DT444	all certified ratings
International	1NVXH0466ANA	7.6	DT466E	all certified ratings
International	1NVXH0466ANB	7.6	DT466E	all certified ratings
International	1NVXH0530ACT	8.7	DT530 urban bus	all certified ratings
International	1NVXH0530ANA	8.7	DT530E	all certified ratings
International	1NVXH0530ANB	8.7	DT530E	all certified ratings
Isuzu	1SZXH04.83AA	4.8	4HE1	all certified ratings
Isuzu	1SZXH06.63RA	6.6	8GF1X	all certified ratings
Isuzu	1SZXH06.63RK	6.6	8GF1X/GM Duramax	all certified ratings
Isuzu	1SZXH07.84RA	7.8	6HK1	all certified ratings
Mack	1MKXH11.9H56	11.9	E7	all certified ratings
Mack	1MKXH11.9H59	11.9	E7	all certified ratings
Mack	1MKXH11.9V57	11.9	E7	all certified ratings
Mack	1MKXH11.9V60	11.9	E7	all certified ratings
Mack	1MKXH11.9V61	11.9	E7	all certified ratings
Mercedes Benz	1MBXH4.25DJA	4.2	OM904LA	all certified ratings
Mercedes Benz	1MBXH6.37DJA	6.3	OM906LA	all certified ratings
Mercedes Benz	1MBXH6.37DJC	6.3	OM906LA	all certified ratings
Mercedes Benz	1MBXH12.0DJA	12	OM457LA	all certified ratings
Mercedes Benz	1MBXH12.8DJA	12.8	OM460LA	all certified ratings
Mitsubishi	1MTXH03.9D4A	3.9	4D34	all certified ratings
Mitsubishi	1MTXH04.8M5A	4.8	4M50	all certified ratings
Mitsubishi	1MTXH05.8D6A	5.9	6D34	all certified ratings
Mitsubishi	1MTXH07.5D6A	7.5	6D16	all certified ratings
Nissan	1NDXH04.6FAB	4.6	FD46TA	all certified ratings

## MY 2001

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
Nissan	1NDXH06.9FAB	6.9	FE6TA	all certified ratings
Renault	1R3XH0377BWF	6.2	MIDR06	all certified ratings
Scania	1Y9XH10.6106	10.6	DC11	all certified ratings
Scania	1Y9XH11.7202	11.7	DC12	all certified ratings
Volvo	1VTXH07.350S	7.3	D7	all certified ratings
Volvo	1VTXH12.150S	12.1	D12	all certified ratings

## MY 2002

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
Caterpillar	2CPXH0442HAK	7.2	3126	all certified ratings
Caterpillar	2CPXH0442HBK	7.2	3126	all certified ratings
Caterpillar	2CPXH0442HBV	7.2	3126	all certified ratings
Caterpillar	2CPXH0442HBX	7.2	3126	all certified ratings
Caterpillar	2CPXH0442HRK	7.2	3126	all certified ratings
Caterpillar	2CPXH0629EBX	10.3	C10	all certified ratings
Caterpillar	2CPXH0729EBX	11.9	C12	up to 450hp
Caterpillar	2CPXH0629ERK	10.3	C10	all certified ratings
Caterpillar	2CPXH0729ERK	11.9	C12	up to 450hp
Caterpillar	2CPXH0893ERK	14.6	C15	up to 450hp
Cummins	2CEXH0239BAD	3.9	ISB	all certified ratings
Cummins	2CEXH0239BAE	3.9	ISB	all certified ratings
Cummins	2CEXH0359BAB	5.9	ISB	all certified ratings
Cummins	2CEXH0359BAD	5.9	ISB	all certified ratings
Cummins	2CEXH0359BAE	5.9	ISB	all certified ratings
Cummins	2CEXA0359BAF	5.9	ISB	all certified ratings
Cummins	2CEXH0359BAO	5.9	ISB	all certified ratings
Cummins	2CEXH0359BAX	5.9	ISB	all certified ratings
Cummins	2CEXA0359BAZ	5.9	ISB	all certified ratings
Cummins	2CEXH0505CAM	8.3	ISC urb bus	all certified ratings
Cummins	2CEXH0505CAN	8.3	ISC	all certified ratings
Cummins	2CEXH0505CAQ	8.3	ISC	all certified ratings
Cummins	2CEXH0540LAB	8.8	ISL urb bus	all certified ratings
Cummins	2CEXH0540LAC	8.8	ISL	all certified ratings
Cummins	2CEXH0661MAP	10.8	ISM urb bus	all certified ratings
Cummins	2CEXH0661MAS	10.8	ISM	all certified ratings
Cummins	2CEXH0661MAT	10.8	ISM 450	up to 450hp
Cummins	2CEXH0855NAA	14	N14	up to 450hp
DDC	2DDXH08.5EJL	8.5	S50	all certified ratings
DDC	2DDXH08.5FJY	8.5	S50 urb bus	all certified ratings
DDC	2DDXH12.7EGL	12.7	S60	all certified ratings
DDC	2DDXH12.7FGN	12.7	S60 urb bus	all certified ratings
General Engine Products	2GEPH06.5521	6.5	L65	all certified ratings
General Engine Products	2GEPH06.5526	6.5	L65	all certified ratings
General Engine Products	2GEPH06.5527	6.5	L65	all certified ratings



## MY 2002

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
General Engine Products	2GEPH06.5CFF	6.5	L57	all certified ratings
General Motors	2GMXH06.5521	6.5		all certified ratings
General Motors	2GMXH06.5527	6.5	L65	all certified ratings
General Motors	2GMXH06.5528	6.5	L65	all certified ratings
General Motors	2GMXH06.5529	6.5	L65	all certified ratings
Hino	2HMXH05.3JTD	5.3	J05C	all certified ratings
Hino	2HMXH08.0JTP	8	J08C	all certified ratings
Hino	2HMXH08.0JTR	8	J08C	all certified ratings
International	2NVXH0365AEA	6.0	VT365	all certified ratings
International	2NVXH0444ANA	7.3	DT444E	all certified ratings
International	2NVXH0444ANB	7.3	DT444E	all certified ratings
International	2NVXH0444ANC	7.3	DT444E	all certified ratings
International	2NVXH0444ACD	7.3	DT444	all certified ratings
International	2NVXH07.3ACE	7.3	DT444E/ Ford Powerstroke	all certified ratings
International	2NVXH07.3ANA	7.3	DT444E/ Ford Powerstroke	all certified ratings
International	2NVXH07.3FNB	7.3	DT444/Ford Powerstroke	all certified ratings
International	2NVXH07.3ANC	7.3	DT444/Ford Powerstroke	all certified ratings
International	2NVXA07.3CND	7.3	DT444/Ford Powerstroke	all certified ratings
International	2NVXA07.3ACF	7.3	DT444/Ford Powerstroke	all certified ratings
International	2NVXH0466ANA	7.6	DT466E	all certified ratings
International	2NVXH0466ANB	7.6	DT466E	all certified ratings
International	2NVXH0530ANA	8.7	DT530E	all certified ratings
International	2NVXH0530ANB	8.7	DT530E	all certified ratings
International	2NVXH0530ANC	8.7	DT530E	all certified ratings
International	2NVXH0530ACT	8.7	DT530 / Series 40 urban bus	all certified ratings
Isuzu	2SZXH04.83AA	4.8	4HE1	all certified ratings
Isuzu	2SZXH06.63RA	6.6	8GF1X	all certified ratings
Isuzu	2SZXH06.63AK	6.6	GM Duramax / 8GF1	all certified ratings
Isuzu	2SZXH06.64RA	6.6	8GF1X	all certified ratings
Isuzu	2SZXH07.84RA	7.8	6HK1XN	all certified ratings
Mack	2MKXH11.9H59	11.9	E7	all certified ratings
Mack	2MKXH11.9H63	11.9	E7	all certified ratings
Mack	2MKXH11.9H64	11.9	E7/AC	all certified ratings
Mack	2MKXH11.9V60	11.9	E7	all certified ratings
Mack	2MKXH11.9V61	11.9	E7	all certified ratings
Mack	2MKXH11.9V65	11.9	E7/AI	all certified ratings
Mack	2MKXH11.9V66	11.9	E7/AI/AMI	all certified ratings
Mack	2MKXH11.9V67	11.9	E7/AI	all certified ratings

## MY 2002

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
Mercedes Benz	2MBXH4.25DJA	4.2	OM904LA	all certified ratings
Mercedes Benz	2MBXH6.37DJA	6.3	OM906LA	all certified ratings
Mercedes Benz	2MBXH6.37DJC	6.3	OM906LA	all certified ratings
Mercedes Benz	2MBXH12.0DJA	12	OM457LA	all certified ratings
Mercedes Benz	2MBXH12.8DJA	12.8	OM460LA	all certified ratings
Mercedes Benz	2MBXH15.9DJB	11.9	OM501LA	all certified ratings
Mitsubishi	2MTXH03.9D4A	3.9	4D34	all certified ratings
Mitsubishi	2MTXH04.8M5A	4.8	4M50	all certified ratings
Mitsubishi	2MTXH05.8D6A	5.9	6D34	all certified ratings
Mitsubishi	2MTXH07.5D6A	7.5	6D16	all certified ratings
Nissan	2NDXH04.6FAB	4.6	FD46TA	all certified ratings
Nissan	2NDXH06.9FAB	6.9	FE6TA	all certified ratings
Renault	2R3XH0377BNA	6.2	DCI 6	all certified ratings
Renault	2R3XH0377CNA	6.2	DCI 6	all certified ratings
Scania	2Y9XH10.6106	10.6	DC11	all certified ratings
Scania	2Y9XH11.7202	11.7	DC12	all certified ratings
Volvo	2VTXH07.350S	7.3	D7	all certified ratings
Volvo	2VTXH12.150S	12.1	D12	all certified ratings

## MY 2003

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
Caterpillar	3CPXH0442HBX	7.2	3126	all certified ratings
Caterpillar	3CPXH0442HBV	7.2	3126	all certified ratings
Caterpillar	3CPXH0629EBV	10.3	C10	all certified ratings
Caterpillar	3CPXH0629EBX	10.3	C10	all certified ratings
Caterpillar	3CPXH0729EBV	11.9	C12	up to 450hp
Caterpillar	3CPXH0729EBX	11.9	C12	all certified ratings
Cummins	3CEXH0239BAD	3.9	ISB	all certified ratings
Cummins	3CEXH0359BAE	5.9	ISB	all certified ratings
Cummins	3CEXA0359BAF	5.9	ISB	all certified ratings
Cummins	3CEXH0359BAG	5.9	ISB	all certified ratings
Cummins	3CEXH0359BAH	5.9	ISB	all certified ratings
Cummins	3CEXH0359BAI	5.9	ISB	all certified ratings
Cummins	3CEXH0505CAM	8.3	ISC	all certified ratings
Cummins	3CEXH0505CAN	8.3	ISC	all certified ratings
Cummins	3CEXH0505CAQ	8.3	ISC	all certified ratings
Cummins	3CEXH0540LAB	8.8	ISL	all certified ratings
Cummins	3CEXH0540LAC	8.8	ISL	all certified ratings
Cummins	3CEXH0661MAT	10.8	ISM	all certified ratings
Cummins	3CEXH0661MAU	10.8	ISM	all certified ratings
DDC	3DDXH08.5FJR	8.5	S50	all certified ratings
DDC	3DDXH08.5FJY	8.5	S50 urb bus	all certified ratings
DDC	3DDXH12.7EGY	12.7	S60	all certified ratings
DDC	3DDXH012.7FGY	12.7	S60	all certified ratings

## MY 2003

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
General Engine Products	3GEPH06.5521	6.5	L65	all certified ratings
General Engine Products	3GEPH06.5527	6.5	L65	all certified ratings
General Engine Products	3GEPH06.5CFF	6.5	L57	all certified ratings
Hino	3HMXH05.3JTD	5.3	J05C	all certified ratings
Hino	3HMXH08.0JTP	8	J08C	all certified ratings
Hino	3HMXH08.0JTR	8	J08C	all certified ratings
International	3NVXH0365AEA	6.0	VT365	all certified ratings
International	3NVXH06.0AEA	6.0	VT365 / Ford Powerstroke	all certified ratings
International	3NVXH06.0AEC	6.0	VT365	all certified ratings
International	3NVXH0444ANB	7.3	DT444E	all certified ratings
International	3NVXH0444ANC	7.3	DT444E	all certified ratings
International	3NVXA07.3CND	7.3	DT444 / Ford Powerstroke	all certified ratings
International	3NVXH0466ANA	7.6	DT466E	all certified ratings
International	3NVXH0466ANB	7.6	DT466E	all certified ratings
International	3NVXH0530ANA	8.7	DT530E	all certified ratings
International	3NVXH0530ANB	8.7	DT530E	all certified ratings
International	3NVXH0530ANC	8.7	DT530E	all certified ratings
International	3NVXH0530ACT	8.7	DT530 / Series 40 urban bus	all certified ratings
Isuzu	3SZXH04.83AA	4.8	4HE1N/4HE1XS	all certified ratings
Isuzu	3SZXH06.63AK	6.6	GM Duramax / 8GF1	all certified ratings
Isuzu	3SZXH06.64RA	6.6	8GF1X	all certified ratings
Isuzu	3SZXH07.84AA	7.8	6HK1XN	all certified ratings
Isuzu	3SZXH07.84RA	7.8	6HK1XN	all certified ratings
Mack	3MKXH11.9H64	11.9	AC	all certified ratings
Mack	3MKXH11.9H70	11.9	AC	all certified ratings
Mack	3MKXH11.9V65	11.9	E7/AI/AMI	all certified ratings
Mack	3MKXH11.9V67	11.9	AI/AMI	all certified ratings
Mack	3MKXH11.9V68	11.9	AI/AMI	all certified ratings
Mercedes Benz	3MBXH4.25DJA	4.2	OM904LA	all certified ratings
Mercedes Benz	3MBXH4.25DJC	4.2	OM904LA	all certified ratings
Mercedes Benz	3MBXH6.37DJA	6.3	OM906LA	all certified ratings
Mercedes Benz	3MBXH6.37DJC	6.3	OM906LA	all certified ratings
Mercedes Benz	3MBXH12.0DJA	12	OM457LA	all certified ratings
Mercedes Benz	3MBXH12.8DJA	12.8	OM460LA	all certified ratings
Mercedes Benz	3MBXH15.9DJB	11.9L only	OM501LA	all certified ratings
Mitsubishi	3MTXH03.9D4A	3.9	4D34	all certified ratings
Mitsubishi	3MTXH04.8M5A	4.8	4M50	all certified ratings
Mitsubishi	3MTXH05.8D6A	5.9	6D34	all certified ratings
Mitsubishi	3MTXH07.5D6A	7.5	6D16	all certified ratings
Nissan	3NDXH04.6FAB	4.6	FD46TA	all certified ratings
Nissan	3NDXH06.9FAB	6.9	FE6TA	all certified ratings
Scania	3Y9XH10.6106	10.6		all certified ratings

**MY 2003**

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
Scania	3Y9XH11.7202	11.7		all certified ratings
Volvo	3VTXH12.150S	12.1	D12	all certified ratings

**MY 2004**

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
Caterpillar	4CPXH0442HBK	7.2	C7	all certified ratings
Caterpillar	4CPXH0537HBK	8.8	C9	all certified ratings
Caterpillar	4CPXH0537HBX	8.8	C9	all certified ratings
Caterpillar	4CPXH0680EBK	11.1	C11	all certified ratings
Cummins	4CEXH0239BAD	3.9	ISB	all certified ratings
Cummins	4CEXH0359BAD	5.9	ISB	all certified ratings
Cummins	4CEXA0359BAE	5.9	ISB	all certified ratings
Cummins	4CEXH0359BAG	5.9	ISB	all certified ratings
Cummins	4CEXH0359BAH	5.9	ISB	all certified ratings
Cummins	4CEXH0505CAR	8.3	ISC	all certified ratings
Cummins	4CEXH0505CAS	8.3	ISC	all certified ratings
Cummins	4CEXH0505CAU	5.9	ISC	all certified ratings
Cummins	4CEXH0540LAE	8.8	ISL	all certified ratings
Cummins	4CEXH0661MAT	10.8	ISM	all certified ratings
Cummins	4CEXH0661MAU	10.8	ISM	all certified ratings
Cummins	4CEXH0661MAV	10.8	ISM urban bus	all certified ratings
DDC	4DDXH12.7EGY	12.7	S60	all certified ratings
Hino	4HMXH04.7JTA	4.7	J05D	all certified ratings
Hino	4HMXH07.7JTA	7.7	J08E	all certified ratings
Hino	4HMXH07.7JTB	7.7	J08E	all certified ratings
General Engine Products	4GEPH06.5527	6.5	L65	all certified ratings
International	4NVXH0365AEB	6.0	VT365	all certified ratings
International	4NVXH06.0AEB	6.0	VT365 / Ford Powerstroke	all certified ratings
International	4NVXH06.0AED	6.0	VT365	all certified ratings
International	4NVXH0466ANA	7.6	DT466E	all certified ratings
International	4NVXH0466ANB	7.6	DT466E	all certified ratings
International	4NVXH0530ANA	8.7	DT530E	all certified ratings
International	4NVXH0530ANB	8.7	DT530E	all certified ratings
International	4NVXH0530ANC	8.7	DT530E	all certified ratings
International	4NVXH0466AEA	7.6	DT466E	all certified ratings
International	4NVXH0570AEA	9.3	DT570	all certified ratings
Isuzu	4SZXH05.23AA	5.2	4HK1	all certified ratings
Isuzu	4SZXH06.63AK	6.6	GM Duramax / 8GF1	all certified ratings
Isuzu	4SZXH06.64AA	6.6	GM Duramax	all certified ratings
Isuzu	4SZXH06.64AW	6.6	GM Duramax	all certified ratings
Isuzu	4SZXH07.84RA	7.8	6HK1	all certified ratings
Isuzu	4SZXH07.84RW	7.8	6HK1	all certified ratings
Mack	4MKXH11.9V65	11.9	AI/AMI	all certified ratings

## MY 2004

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
Mack	4MKXH11.9V67	11.9	AI/AMI	all certified ratings
Mack	4MKXH11.9V71	11.9	AI/AMI	all certified ratings
Mack	4MKXH11.9H64	11.9	AC	all certified ratings
Mack	4MKXH11.9H70	11.9	AC	all certified ratings
Mack	4MKXH11.9H73	11.9	AC	all certified ratings
Mercedes	4MBXH4.25DJA	4.3	OM904LA	all certified ratings
Mercedes	4MBXH6.37DJA	6.4	OM906LA	all certified ratings
Mercedes	4MBXH12.8DJA	12.8	OM460LA	all certified ratings
Volvo	4VTXH12.150S	12.1	D12	all certified ratings

## MY 2005

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
Caterpillar	5CPXH0442HBK	7.2	C7	all certified ratings
Caterpillar	5CPXH0537HBK	8.8	C9	all certified ratings
Caterpillar	5CPXH0680EBK	11.1	C11	all certified ratings
Cummins	5CEXH0359BAB	5.9	ISB	all certified ratings
Cummins	5CEXH0359BAD	5.9	ISB	all certified ratings
Cummins	5CEXA0359BAE	5.9	ISB	all certified ratings
Cummins	5CEXH0359BAF	5.9	ISB	all certified ratings
Cummins	5CEXH0359BAG	5.9	ISB	all certified ratings
Cummins	5CEXH0359BAH	5.9	ISB	all certified ratings
Cummins	5CEXH0505CAR	8.3	ISC	all certified ratings
Cummins	5CEXH0505CAW	8.3	ISC	all certified ratings
Cummins	5CEXH0505CAX	8.3	ISC	all certified ratings
Cummins	5CEXH0505CAY	8.3	ISC	all certified ratings
Cummins	5CEXH0540LAE	8.8	ISL	all certified ratings
Cummins	5CEXH0540LAH	8.9	ISL	all certified ratings
Cummins	5CEXH0540LAI	8.9	ISL	all certified ratings
Cummins	5CEXH0661MAT	10.8	ISM	all certified ratings
Cummins	5CEXH0661MAU	10.8	ISM	all certified ratings
Cummins	5CEXH0661MAV	10.8	ISM urban bus	all certified ratings
Cummins	5CEXH0661MAX	10.8	ISM	all certified ratings
DDC	5DDXH12.7EGY	12.7	S60	all certified ratings
General Engine Products	5GEPH06.5527	6.5	GM Duramax / L65	all certified ratings
General Motors	5GMXH06.6590	6.6	GM Duramax / LLY	all certified ratings
General Motors	5GMXH06.6591	6.6	GM Duramax / LLY	all certified ratings
General Motors	5GMXH06.6592	6.6	Duramax	all certified ratings
General Motors	5GMXH06.6593	6.6	Duramax	all certified ratings
Hino	5HMXH04.7JTA	4.7	J05D	all certified ratings
Hino	5HMXH07.7JTA	7.7	J08E	all certified ratings
Hino	5HMXH07.7JTB	7.7	J08E	all certified ratings

## MY 2005

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
International	5NVXH0275AEA	4.5	VT275	all certified ratings
International	5NVXH0365AEC	6.0	VT365	all certified ratings
International	5NVXH06.0AEC	6.0	VT365 / Ford Powerstroke	all certified ratings
International	5NVXH06.0AED	6.0	VT365 / Ford Powerstroke	all certified ratings
International	5NVXH0466AEA	7.6	DT466E	all certified ratings
International	5NVXH0570AEA	9.3	DT570E	all certified ratings
Isuzu	5SZXH05.23AB	5.2	4HK1	all certified ratings
Isuzu	5SZXH07.84RA	7.8	6HK1	all certified ratings
Isuzu	5SZXH07.84RB	7.8	6HK1	all certified ratings
Isuzu	5SZXH07.84RW	7.8	6HK1	all certified ratings
Mack	5MKXH11.9V65	11.9	AI/AMI	all certified ratings
Mack	5MKXH11.9V67	11.9	AI/AMI	all certified ratings
Mack	5MKXH11.9V74	11.9	AI/AMI	all certified ratings
Mack	5MKXH11.9V71	11.9	AI/AMI	all certified ratings
Mack	5MKXH11.9H70	11.9	AC	all certified ratings
Mack	5MKXH11.9H73	11.9	AC	all certified ratings
Mercedes	5MBXH4.25DJA	4.3	OM904LA	all certified ratings
Mercedes	5MBXH6.37DJA	6.4	OM906LA	all certified ratings
Mercedes	5MBXH7.20DJA	7.2	OM926LA	all certified ratings
Mercedes	5MBXH12.8DJA	12.8	OM460LA	all certified ratings
Mitsubishi Fuso	5MFTH04.9M5A	4.9	4M50	all certified ratings
Mitsubishi Fuso	5MFTH07.5M6A	7.5	6M60	all certified ratings
Volvo	5VTXH12.150S	12.1	D12	all certified ratings

## MY 2006

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
Caterpillar	6CPXH0442HBK	7.2	C7	all certified ratings
Caterpillar	6CPXH0537HBK	8.8	C9	all certified ratings
Caterpillar	6CPXH0680EBK	11.1	C11	all certified ratings
Cummins	6CEXH0359BAB	5.9	ISB	all certified ratings
Cummins	6CEXH0359BAD	5.9	ISB	all certified ratings
Cummins	6CEXA0359BAE	5.9	ISB	all certified ratings
Cummins	6CEXH0359BAF	5.9	ISB	all certified ratings
Cummins	6CEXH0359BAG	5.9	ISB	all certified ratings
Cummins	6CEXH0359BAH	5.9	ISB	all certified ratings
Cummins	6CEXH0359BAI	5.9	ISB	all certified ratings
Cummins	6CEXH0505CAW	8.3	ISC	all certified ratings
Cummins	6CEXH0505CAX	8.3	ISC	all certified ratings
Cummins	6CEXH0505CAY	8.3	ISC	all certified ratings
Cummins	6CEXH0540LAI	8.9	ISL	all certified ratings
Cummins	6CEXH0540LAJ	8.9	ISL	all certified ratings
Cummins	6CEXH0661MAT	10.8	ISM	all certified ratings

## MY 2006

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
Cummins	6CEXH0661MAU	10.8	ISM	all certified ratings
Cummins	6CEXH0661MAV	10.8	ISM urban bus	all certified ratings
Cummins	6CEXH0661MAX	10.8	ISM	all certified ratings
DDC	6DDXH12.7EGY	12.7	S60	all certified ratings
General Engine Products	6GEPH06.6595	6.6	GM Duramax / LLY71	all certified ratings
General Engine Products	6GEPH06.5527	6.5	GM Duramax / L65	all certified ratings
General Motors	6GMXH06.6590	6.6	GM Duramax / LLY	all certified ratings
General Motors	6GMXH06.6591	6.6	Duramax	all certified ratings
Hino	6HMXH04.7JTA	4.7	J05D	all certified ratings
Hino	6HMXH07.7JTA	7.7	J08E	all certified ratings
Hino	6HMXH07.7JTB	7.7	J08E	all certified ratings
International	6NVXH0275AEA	4.5	VT275	all certified ratings
International	6NVXH0365AEC	6.0	VT365	all certified ratings
International	6NVXH06.0AEC	6.0	VT365 / Ford Powerstroke	all certified ratings
International	6NVXH06.0AED	6.0	VT365 / Ford Powerstroke	all certified ratings
International	6NVXH0466AEA	7.6	DT466E	all certified ratings
International	6NVXH0570AEA	9.3	DT570E	all certified ratings
Isuzu	6SZXH05.23AA	5.2	4HK1TC	all certified ratings
Isuzu	6SZXH05.23AB	5.2	4HK1	all certified ratings
Isuzu	6SZXH07.84RA	7.8	6HK1	all certified ratings
Isuzu	6SZXH07.84RW	7.8	6HK1	all certified ratings
Mack	6MKXH11.9V65	11.9	AI/AMI	all certified ratings
Mack	6MKXH11.9V67	11.9	AI/AMI	all certified ratings
Mack	6MKXH11.9V71	11.9	AI/AMI	all certified ratings
Mack	6MKXH11.9V74	11.9	AI/AMI	all certified ratings
Mack	6MKXH11.9H70	11.9	AC	all certified ratings
Mack	6MKXH11.9H73	11.9	AC	all certified ratings
Mack	6MKXH10.8C02	10.8	MP7	all certified ratings
Mercedes	6MBXH4.25DJA	4.3	OM904LA	all certified ratings
Mercedes	6MBXH6.37DJA	6.4	OM906LA	all certified ratings
Mercedes	6MBXH7.20DJA	7.2	OM926LA	all certified ratings
Mercedes	6MBXH12.8DJA	12.8	OM460LA	all certified ratings
Mitsubishi Fuso	6MFTH04.9M5A	4.9	4M50	all certified ratings
Mitsubishi Fuso	6MFTH07.5M6A	7.5	6M60	all certified ratings
Volvo	6VTXH12.150S	12.1	D12	all certified ratings

**MY 2007**

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
Cummins	7CEXH0661MAC	10.8	ISM	all certified ratings
International	7NVXH06.0AEC	6.0	VT365 / Ford Powerstroke	all certified ratings
International	7NVXH06.0AED	6.0	VT365 / Ford Powerstroke	all certified ratings

**MY 2008**

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
Cummins	8CEXH0661MAC	10.8	ISM	all certified ratings
DDC	8DDXH06.4TER	6.4	OM906LA	all certified ratings
DDC	8DDXH07.2TER	4.8	OM904LA	all certified ratings
DDC	8DDXH07.2TER	7.2	OM926LA	all certified ratings
DDC	8DDXH12.8TER	12.8	OM460LA	all certified ratings
International	8NVXH06.0AEC	6.0	VT365 / Ford Powerstroke	all certified ratings
International	8NVXH06.0AED	6.0	VT365 / Ford Powerstroke	all certified ratings

**MY 2009**

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
Cummins	9CEXH0661MAC	10.8	ISM	all certified ratings
DDC	9DDXH06.4TER	6.4	OM906LA	all certified ratings
DDC	9DDXH07.2TER	4.8	OM904LA	all certified ratings
DDC	9DDXH07.2TER	7.2	OM926LA	all certified ratings
DDC	9DDXH12.8TER	12.8	OM460LA	all certified ratings
International	9NVXH06.0AEC	6.0	VT365 / Ford Powerstroke	all certified ratings
International	9NVXH06.0AED	6.0	VT365 / Ford Powerstroke	all certified ratings

**MY 2010**

Manufacturer	Engine Family	Displ. (L)	Engine Model	Power Range Limit
DDC	ADDXH06.4TER	6.4	OM906LA	all certified ratings
DDC	ADDXH07.2TER	4.8	OM904LA	all certified ratings
DDC	ADDXH07.2TER	7.2	OM926LA	all certified ratings
DDC	ADDXH12.8TER	12.8	OM460LA	all certified ratings