

Emission Control Family Name: CA/CLE/2008/PM3/N40/OF/LNF01

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Model Year	Manufacturer	Engine Family Number
2001	AB Volvo Penta	1VPXL06.7ABA
2001	AB Volvo Penta	1VPXL07.3ACB
2001	AB Volvo Penta	1VPXL09.6ABA
2002	AB Volvo Penta	2VPXL06.7ABA
2002	AB Volvo Penta	2VPXL07.3ACB
2002	AB Volvo Penta	2VPXL09.6ABA
2003	AB Volvo Penta	3VPXL07.3ACB
2004	AB Volvo Penta	4VPXL07.3ACB
2004	AB Volvo Penta	4VPXL09.4ACB
2004	AB Volvo Penta	4VPXL09.4ACC
2004	AB Volvo Penta	4VPXL09.6ACB
2004	AB Volvo Penta	4VPXL09.6ACC
2005	AB Volvo Penta	5VPXL07.3ACB
2005	AB Volvo Penta	5VPXL09.4ACB
2005	AB Volvo Penta	5VPXL09.4ACC
2005	AB Volvo Penta	5VPXL09.6ACB
2006	AB Volvo Penta	6VPXL9.4BAA
2007	AB Volvo Penta	7VPXL09.4BAA
1997	AB Volvo Penta	VVP6.7R6DARA
1998	AB Volvo Penta	WVPXL06.7ABA
1998	AB Volvo Penta	WVPXL09.6ABA
1999	AB Volvo Penta	XVPXL06.7ABA
1999	AB Volvo Penta	XVPXL07.3ABB
1999	AB Volvo Penta	XVPXL07.3ACB
1999	AB Volvo Penta	XVPXL09.6ABA
2000	AB Volvo Penta	YVPXL06.7ABA
2000	AB Volvo Penta	YVPXL07.3ABB
2000	AB Volvo Penta	YVPXL07.3ACB
2000	AB Volvo Penta	YVPXL09.6ABA
2001	Case	1X9XL0505ABC
2001	Case	1X9XL0505ACC
2002	Case	2X9XL0359ABB
2002	Case	2X9XL0359ABE
2002	Case	2X9XL0505ABC
2002	Case	2X9XL0505ACC
2002	Case	2X9XL0540AAA
1998	Case	WX9XL0359ABA
1998	Case	WX9XL0505ABC
1999	Case	XX9XL0359ABA
1999	Case	XX9XL0505ABC
2000	Case	YX9XL0359ABA
2000	Case	YX9XL0359ABB
2000	Case	YX9XL0505ABC
2001	Caterpillar	1CPXL07.2HRK
2001	Caterpillar	1CPXL07.2HSK
2001	Caterpillar	1CPXL08.8HSK
2001	Caterpillar	1CPXL10.3ESK
2001	Caterpillar	1CPXL10.5MRD
2002	Caterpillar	2CPXL07.2HRK
2002	Caterpillar	2CPXL08.8HSK
2002	Caterpillar	2CPXL08.8HSX

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2002	Caterpillar	2CPXL10.3ESK
2002	Caterpillar	2CPXL10.3ESX
2002	Caterpillar	2CPXL10.5MRD
2003	Caterpillar	3CPXL08.8HSK
2003	Caterpillar	3CPXL10.3ESK
2004	Caterpillar	4CPXL07.2HSL
2004	Caterpillar	4CPXL08.8ESK
2004	Caterpillar	4CPXL08.8HSK
2004	Caterpillar	4CPXL10.3ESK
2005	Caterpillar	5CPXL07.2HSL
2005	Caterpillar	5CPXL08.8ESK
2005	Caterpillar	5CPXL08.8ESL
2005	Caterpillar	5CPXL08.8HSL
2005	Caterpillar	5CPXL10.3ESK
2006	Caterpillar	6CPXL08.8ESK
2007	Caterpillar	7CPXL07.2ESL
2007	Caterpillar	7CPXL08.8ESK
2008	Caterpillar	8CPXL07.2ESL
2009	Caterpillar	9CPXL07.2ESL
1996	Caterpillar	TCP10.RZDBRD
1996	Caterpillar	TCP10.RZDBRF
1996	Caterpillar	TCP10.RZDBRK
1996	Caterpillar	TCP7.2RZDBRK
1997	Caterpillar	VCP10.RZDARK
1997	Caterpillar	VCP442DZDARK
1997	Caterpillar	VCP7.2RZDARK
1998	Caterpillar	WCPXL07.2HRK
1998	Caterpillar	WCPXL10.3ERK
1998	Caterpillar	WCPXL10.5MRG
1999	Caterpillar	XCPXL07.2HRK
1999	Caterpillar	XCPXL10.3ERK
1999	Caterpillar	XCPXL10.5MRD
1999	Caterpillar	XCPXL10.5MRF
2000	Caterpillar	YCPXL07.2HRK
2000	Caterpillar	YCPXL10.3ERK
2000	Caterpillar	YCPXL10.5MRG
2003	CNH Engine Corporation	3X9XL0359AAC
2003	CNH Engine Corporation	3X9XL0505ABC
2003	CNH Engine Corporation	3X9XL0505ACC
2003	CNH Engine Corporation	3X9XL0540AAA
2004	CNH Engine Corporation	4X9XL0359ABE
2004	CNH Engine Corporation	4X9XL0505ABC
2004	CNH Engine Corporation	4X9XL0505ACC
2004	CNH Engine Corporation	4X9XL0540AAA
2005	CNH Engine Corporation	5X9XL0359ABE
2005	CNH Engine Corporation	5X9XL0505ABC
2005	CNH Engine Corporation	5X9XL0505ACC
2005	CNH Engine Corporation	5X9XL0540AAA
2005	CNH Engine Corporation	5X9XL0540AAB
2006	CNH Engine Corporation	6X9XL0359AAM

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2006	CNH Engine Corporation	6X9XL0359ABE
2006	CNH Engine Corporation	6X9XL0540AAB
2007	CNH Engine Corporation	7X9XL0505AAE
2007	CNH Engine Corporation	7X9XL0540AAB
2008	CNH Engine Corporation	8X9XL0505AAE
2008	CNH Engine Corporation	8X9XL0540AAB
2003	CNH UK Limited	3NHXL06.7DCR
2004	CNH UK Limited	4NHXL06.7DCR
2005	CNH UK Limited	5NHXL06.7DCR
2006	CNH UK Limited	6NHXL06.7DCA
2006	CNH UK Limited	6NHXL06.7DCR
2007	CNH UK Limited	7NHXL06.7DCA
2001	Cummins	1CEXL0359ABB
2001	Cummins	1CEXL0359ABC
2001	Cummins	1CEXL0505ABC
2001	Cummins	1CEXL0505ACC
2001	Cummins	1CEXL0661AAA
2001	Cummins	1CEXL0661AAB
2001	Cummins	1CEXL0661AAC
2001	Cummins	1CEXL0661AAD
2002	Cummins	2CEXL0359ABB
2002	Cummins	2CEXL0359ABC
2002	Cummins	2CEXL0359ABE
2002	Cummins	2CEXL0505ABC
2002	Cummins	2CEXL0505ACB
2002	Cummins	2CEXL0505ACC
2002	Cummins	2CEXL0540AAA
2002	Cummins	2CEXL0661AAA
2002	Cummins	2CEXL0661AAB
2002	Cummins	2CEXL0661AAC
2002	Cummins	2CEXL0661AAD
2003	Cummins	3CEXL0359AAB
2003	Cummins	3CEXL0359AAC
2003	Cummins	3CEXL0359ABE
2003	Cummins	3CEXL0505ABC
2003	Cummins	3CEXL0505ACB
2003	Cummins	3CEXL0505ACC
2003	Cummins	3CEXL0540AAA
2003	Cummins	3CEXL0661AAC
2003	Cummins	3CEXL0661AAD
2003	Cummins	3CEXL0661AAE
2004	Cummins	4CEXL0359AAB
2004	Cummins	4CEXL0359AAC
2004	Cummins	4CEXL0359ABC
2004	Cummins	4CEXL0359ABE
2004	Cummins	4CEXL0505ABC
2004	Cummins	4CEXL0505ACB
2004	Cummins	4CEXL0505ACC
2004	Cummins	4CEXL0540AAA
2004	Cummins	4CEXL0661AAC
2004	Cummins	4CEXL0661AAD

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Model Year	Manufacturer	Engine Family Number
2004	Cummins	4CEXL0661AAE
2005	Cummins	5CEXL0359AAB
2005	Cummins	5CEXL0359AAC
2005	Cummins	5CEXL0359AAG
2005	Cummins	5CEXL0359ABC
2005	Cummins	5CEXL0359ABE
2005	Cummins	5CEXL0409AAC
2005	Cummins	5CEXL0505ABC
2005	Cummins	5CEXL0505ACB
2005	Cummins	5CEXL0540AAA
2005	Cummins	5CEXL0540AAB
2005	Cummins	5CEXL0661AAE
2005	Cummins	5CEXL0661AAF
2006	Cummins	6CEXL0359AAB
2006	Cummins	6CEXL0359AAC
2006	Cummins	6CEXL0359ABC
2006	Cummins	6CEXL0359ABE
2006	Cummins	6CEXL0409AAC
2006	Cummins	6CEXL0540AAB
2006	Cummins	6CEXL0661AAF
2007	Cummins	7CEXL0409AAC
2007	Cummins	7CEXL0409AAD
2007	Cummins	7CEXL0505AAE
2007	Cummins	7CEXL0540AAB
2007	Cummins	7CEXL0661AAF
2007	Cummins	7CEXL0661AAJ
2008	Cummins	8CEXL0409AAC
2008	Cummins	8CEXL0409AAD
2008	Cummins	8CEXL0540AAB
2008	Cummins	8CEXL0661AAF
2008	Cummins	8CEXL0661AAJ
2009	Cummins	9CEXL0409AAC
2009	Cummins	9CEXL0409AAD
2009	Cummins	9CEXL0505AAE
2009	Cummins	9CEXL0661AAF
2009	Cummins	9CEXL0661AAJ
1996	Cummins	TCE359R6DTRA
1996	Cummins	TCE505R6DTRD
1996	Cummins	TCE661RGDTRA
1997	Cummins	VCE359R6DTRB
1997	Cummins	VCE505R6DTRD
1997	Cummins	VCE661RGDTRA
1998	Cummins	WCEXL0359ABA
1998	Cummins	WCEXL0359ABB
1998	Cummins	WCEXL0505ABC
1998	Cummins	WCEXL0661AAA
1999	Cummins	XCEXL0359ABA
1999	Cummins	XCEXL0359ABB
1999	Cummins	XCEXL0505ABC
1999	Cummins	XCEXL0661AAA
1999	Cummins	XCEXL0661AAB

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Model Year	Manufacturer	Engine Family Number
2000	Cummins	YCEXL0359ABA
2000	Cummins	YCEXL0359ABB
2000	Cummins	YCEXL0505ABC
2000	Cummins	YCEXL0661AAA
2000	Cummins	YCEXL0661AAB
2004	Daewoo	4DWXL08.1CPA
1998	Daimler-Benz	WMBXL6.37DJA
2001	DaimlerChrysler	1MBXL12.9R6A
2001	DaimlerChrysler	1MBXL6.37RJA
2001	DaimlerChrysler	1MBXL6.37RJB
2001	DaimlerChrysler	1MBXL7.20RJA
2003	DaimlerChrysler	3MBXL6.37RJB
2003	DaimlerChrysler	3MBXL7.20RJA
2004	DaimlerChrysler	4MBXL6.37RJB
2004	DaimlerChrysler	4MBXL7.20RJA
2005	DaimlerChrysler	5MBXL6.37RJB
2005	DaimlerChrysler	5MBXL7.20RJA
2006	DaimlerChrysler	6MBXL7.20RJA
1997	DaimlerChrysler	VMB13.R6DARA
1999	DaimlerChrysler	XMBXL12.9R6A
1999	DaimlerChrysler	XMBXL6.37RJA
2000	DaimlerChrysler	YMBXL12.9R6A
2000	DaimlerChrysler	YMBXL6.37RJA
2001	Deere	1JDXL08.1036
2001	Deere	1JDXL08.1037
2002	Deere	2JDXL06.8049
2002	Deere	2JDXL08.1036
2002	Deere	2JDXL08.1037
2003	Deere	3JDXL06.8048
2003	Deere	3JDXL06.8049
2003	Deere	3JDXL08.1037
2004	Deere	4JDXL06.8048
2004	Deere	4JDXL06.8049
2004	Deere	4JDXL06.8072
2004	Deere	4JDXL08.1037
2005	Deere	5JDXL06.8048
2005	Deere	5JDXL06.8049
2005	Deere	5JDXL06.8072
2005	Deere	5JDXL06.8080
2005	Deere	5JDXL08.1037
2006	Deere	6JDXL06.8048
2006	Deere	6JDXL06.8049
2006	Deere	6JDXL06.8080
2006	Deere	6JDXL08.1037
2007	Deere	7JDXL06.8048
2007	Deere	7JDXL06.8049
2007	Deere	7JDXL06.8080
2007	Deere	7JDXL08.1037
2008	Deere	8JDXL06.8049
2008	Deere	8JDXL06.8080
2008	Deere	8JDXL08.1037

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Model Year	Manufacturer	Engine Family Number
2008	Deere	8JDXL09.0114
2009	Deere	9JDXL06.8049
2009	Deere	9JDXL06.8080
2009	Deere	9JDXL08.1037
2009	Deere	9JDXL09.0114
1996	Deere	TJD10.RJDBRA
1996	Deere	TJD10.RJDBRB
1996	Deere	TJD8.1R6DBRB
1997	Deere	VJD10.RJDBRA
1997	Deere	VJD10.RJDBRB
1998	Deere	WJDXL10.5003
1998	Deere	WJDXL10.5004
1999	Deere	XJDXL10.5003
1999	Deere	XJDXL10.5004
1999	Deere	XJDXL10.5022
2000	Deere	YJDXL08.1008
2000	Deere	YJDXL10.5004
2000	Deere	YJDXL10.5022
2001	Detroit Diesel Corporation	1DDXL08.5TJD
2001	Detroit Diesel Corporation	1DDXL08.5YJD
2002	Detroit Diesel Corporation	2DDXL08.5YJD
2003	Detroit Diesel Corporation	3DDXL08.5YJD
2004	Detroit Diesel Corporation	4DDXL08.5YJD
2005	Detroit Diesel Corporation	5DDXL08.5YJD
2007	Detroit Diesel Corporation	7DDXL7.20RJA
1996	Detroit Diesel Corporation	TDD8.5TJDARE
1997	Detroit Diesel Corporation	VDD8.5TJDARE
1998	Detroit Diesel Corporation	WDDXL08.5TJD
1999	Detroit Diesel Corporation	XDDXL08.5TJD
2000	Detroit Diesel Corporation	YDDXL08.5TJD
2001	Deutz	1DZXL07.1004
2001	Deutz	1DZXL07.1005
2002	Deutz	2DZXL06.1028
2002	Deutz	2DZXL07.1004
2002	Deutz	2DZXL07.1005
2002	Deutz	2DZXL07.1032
2003	Deutz	3DZXL06.1028
2003	Deutz	3DZXL07.1032
2003	Deutz	3DZXL07.1034
2004	Deutz	4DZXL06.1028
2004	Deutz	4DZXL07.1032
2004	Deutz	4DZXL07.1034
2005	Deutz	5DZXL06.1028
2005	Deutz	5DZXL07.1032
2005	Deutz	5DZXL07.1034
2006	Deutz	6DZXL06.1028
2006	Deutz	6DZXL06.1061
2006	Deutz	6DZXL07.1034
2006	Deutz	6DZXL07.1053
2007	Deutz	7DZXL07.1034
2008	Deutz	8DZXL06.1063

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Model Year	Manufacturer	Engine Family Number
1996	Deutz	TDZ7.1R6DARB
1997	Deutz	VDZ7.1R6DARB
1998	Deutz	WDZXL07.1004
1999	Deutz	XDZXL07.1004
1999	Deutz	XDZXL07.1005
2000	Deutz	YDZXL07.1005
2006	Doosan Infracore	6DWXL07.6UPA
2006	Doosan Infracore	6DWXL11.0UJA
2007	Doosan Infracore	7DWXL05.8UTA
2007	Doosan Infracore	7DWXL07.6UPA
2007	Doosan Infracore	7DWXL11.0UJA
2008	Doosan Infracore	8DWXL05.8UTA
2008	Doosan Infracore	8DWXL07.6UPA
2009	Doosan Infracore	9DICL05.8UTA
2009	Doosan Infracore	9DICL07.6UPA
2001	International	1NVXL0466ANA
2001	International	1NVXL0530ANA
2001	International	1NVXL0530ANB
2001	International	1NVXL0530ANC
2001	International	1NVXL0530AND
2001	International	1NVXL0530ANF
2002	International	2NVXL0444ANA
2002	International	2NVXL0466ANA
2002	International	2NVXL0530ANA
2002	International	2NVXL0530ANB
2002	International	2NVXL0530ANC
2002	International	2NVXL0530AND
2002	International	2NVXL0530ANF
2003	International	3NVXL0365AFA
2003	International	3NVXL0530ANF
2004	International	4NVXL0365AFA
2004	International	4NVXL0530ANF
2005	International	5NVXL0365AFA
1996	International	TNV466R6DARA
1996	International	TNV466R6DARB
1996	International	TNV466R6DASD
1996	International	TNV530R6DARA
1996	International	TNV530R6DARB
1996	International	TNV530R6DASC
1996	International	TNV530R6DASD
1996	International	TNV530R8DASE
1997	International	VNV466R6DASC
1997	International	VNV466R6DASD
1997	International	VNV530R6DARA
1997	International	VNV530R6DARB
1997	International	VNV530R6DASC
1997	International	VNV530R6DASD
1997	International	VNV530R8DARA
1997	International	VNV530R8DASC
1997	International	VNV530R8DASE
1998	International	WNVXL0466BNA

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1998	International	WNVXL0530ANA
1998	International	WNVXL0530ANB
1998	International	WNVXL0530BNA
1998	International	WNVXL0530BNB
1998	International	WNVXL0530BNC
1998	International	WNVXL0530BND
1999	International	XNVXL0466ANA
1999	International	XNVXL0466BNA
1999	International	XNVXL0530ANA
1999	International	XNVXL0530ANB
1999	International	XNVXL0530ANC
1999	International	XNVXL0530AND
1999	International	XNVXL0530BNA
1999	International	XNVXL0530BNB
1999	International	XNVXL0530BNC
1999	International	XNVXL0530BND
2000	International	YNVXL0466ANA
2000	International	YNVXL0530ANA
2000	International	YNVXL0530ANB
2000	International	YNVXL0530ANC
2000	International	YNVXL0530AND
2001	Isuzu	1SZXL06.5EXA
2001	Isuzu	1SZXL07.8EXA
2002	Isuzu	2SZXL06.5EXA
2002	Isuzu	2SZXL07.8EXA
2003	Isuzu	3SZXL07.8EXA
2004	Isuzu	4SZXL07.8EXA
2005	Isuzu	5SZXL07.8EXA
2000	Isuzu	YSZXL06.5EXA
2000	Isuzu	YSZXL07.8EXA
2002	Iveco	2VEXL05.9DCR
2003	Iveco	3VEXL06.7DCR
2004	Iveco	4VEXL05.9DGS
2004	Iveco	4VEXL06.7DCR
2004	Iveco	4VEXL07.8CRS
2004	Iveco	4VEXL10.3CRS
2005	Iveco	5VEXL05.9DGS
2005	Iveco	5VEXL06.7DCR
2005	Iveco	5VEXL06.7DGA
2005	Iveco	5VEXL07.8CRS
2005	Iveco	5VEXL10.3CRS
2005	Iveco	5VEXL10.3VGT
2006	Iveco	6VEXL06.7DCA
2006	Iveco	6VEXL06.7DCR
2006	Iveco	6VEXL06.7DGB
2006	Iveco	6VEXL06.7DGS
2006	Iveco	6VEXL08.7TR3
2006	Iveco	6VEXL10.3MLR
2007	Iveco	7VEXL06.7DCA
2007	Iveco	7VEXL06.7DGB
2007	Iveco	7VEXL06.7DGS

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2007	Iveco	7VEXL08.7TR3
2007	Iveco	7VEXL10.3MLR
2008	Iveco	8VEXL06.7DGB
2008	Iveco	8VEXL06.7DGS
2008	Iveco	8VEXL08.7TR3
2008	Iveco	8VEXL10.3MLR
2009	Iveco	9VEXL06.7DGB
2009	Iveco	9VEXL06.7DGS
2009	Iveco	9VEXL08.7TR3
2009	Iveco	9VEXL10.3MLR
1996	Iveco	TVE9.5R6DARA
1997	Iveco	VVE9.5R6DARA
1998	Iveco	WVEXL09.5DAR
1999	Iveco	XEVXL09.5DAR
2000	Iveco	YVEXL09.5DAR
2001	Komatsu	1KLXL0359ABC
2001	Komatsu	1KLXL11.0DD3
2001	Komatsu	1KLXL11.0DD4
2002	Komatsu	2KLXL0359ABC
2002	Komatsu	2KLXL11.0DC3
2002	Komatsu	2KLXL11.0DD3
2002	Komatsu	2KLXL11.0DD4
2002	Komatsu	2KLXL11.0DD5
2003	Komatsu	3KLXL11.0DC3
2003	Komatsu	3KLXL11.0DD3
2003	Komatsu	3KLXL11.0DD5
2004	Komatsu	4KLXL0359AAB
2004	Komatsu	4KLXL0359ABC
2004	Komatsu	4KLXL0505ABC
2004	Komatsu	4KLXL11.0DC3
2004	Komatsu	4KLXL11.0DD3
2004	Komatsu	4KLXL11.0DD5
2005	Komatsu	5KLXL0359AAB
2005	Komatsu	5KLXL0359AAL
2005	Komatsu	5KLXL0359ABC
2005	Komatsu	5KLXL0409AAC
2005	Komatsu	5KLXL0505ABC
2005	Komatsu	5KLXL11.0DC3
2005	Komatsu	5KLXL11.0DD3
2005	Komatsu	5KLXL11.0DD5
2006	Komatsu	6KLXL0359AAB
2006	Komatsu	6KLXL0359AAL
2006	Komatsu	6KLXL0359ABC
2006	Komatsu	6KLXL0409AAC
2007	Komatsu	7KLXL0409AAC
2007	Komatsu	7KLXL0505AAE
2008	Komatsu	8KLXL0409AAC
2009	Komatsu	9KLXL0409AAC
1998	Komatsu	WKLXL7.15CB1
1999	Komatsu	XKLXL11.0DC1
1999	Komatsu	XKLXL7.15CB1

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Model Year	Manufacturer	Engine Family Number
2000	Komatsu	YKLXL0359ABA
2000	Komatsu	YKLXL7.15CB1
2000	Komatsu	YKLXL7.15CD1
1998	Komatsu Dresser	WKDXL0359ABA
1999	Komatsu Dresser	XKDXL0359ABA
2001	Liebherr Machines Bulle SA	1LHAL9.96ARA
2001	Liebherr Machines Bulle SA	1LHAL9.96ASA
2001	Liebherr Machines Bulle SA	1LHAL9.96ATA
2002	Liebherr Machines Bulle SA	2LHAL9.96ARA
2002	Liebherr Machines Bulle SA	2LHAL9.96ASA
2002	Liebherr Machines Bulle SA	2LHAL9.96ATA
2003	Liebherr Machines Bulle SA	3LHAL9.96ARA
2003	Liebherr Machines Bulle SA	3LHAL9.96ATA
2004	Liebherr Machines Bulle SA	4LHAL9.96ARA
2004	Liebherr Machines Bulle SA	4LHAL9.96ATA
2005	Liebherr Machines Bulle SA	5LHAL10.5LPA
2005	Liebherr Machines Bulle SA	5LHAL9.96ARA
2005	Liebherr Machines Bulle SA	5LHAL9.96ATA
2006	Liebherr Machines Bulle SA	6LHAL10.5LPA
2006	Liebherr Machines Bulle SA	6LHAL9.54SPA
2006	Liebherr Machines Bulle SA	6LHAL9.96ARA
2006	Liebherr Machines Bulle SA	6LHAL9.96ATA
2007	Liebherr Machines Bulle SA	7LHAL10.5LPA
2007	Liebherr Machines Bulle SA	7LHAL9.54SPA
2008	Liebherr Machines Bulle SA	8LHAL10.5LPA
2009	Liebherr Machines Bulle SA	9LHAL10.5LPA
1996	Liebherr Machines Bulle SA	TLH9.9R6DARA
1996	Liebherr Machines Bulle SA	TLH9.9R6DASA
1997	Liebherr Machines Bulle SA	VLH9.9R6DARA
1997	Liebherr Machines Bulle SA	VLH9.9R6DASA
1998	Liebherr Machines Bulle SA	WLHAL9.96ARA
1998	Liebherr Machines Bulle SA	WLHAL9.96ASA
1998	Liebherr Machines Bulle SA	WLHAL9.96ATA
1999	Liebherr Machines Bulle SA	XLHAL9.96ARA
1999	Liebherr Machines Bulle SA	XLHAL9.96ASA
1999	Liebherr Machines Bulle SA	XLHAL9.96ATA
2000	Liebherr Machines Bulle SA	YLHAL9.96ARA
2000	Liebherr Machines Bulle SA	YLHAL9.96ASA
2000	Liebherr Machines Bulle SA	YLHAL9.96ATA
1996	Mercedes-Benz	TMB13.R6DARA
1998	Mercedes-Benz	WMBXL12.9R6A
2003	Mitsubishi Fuso	3MFTL07.5D6A
2003	Mitsubishi Fuso	3MFTL07.5D6D
2004	Mitsubishi Fuso	4MFTL07.5D6A
2004	Mitsubishi Fuso	4MFTL07.5D6D
2005	Mitsubishi Fuso	5MFTL07.5D6D
2001	Mitsubishi Motors	1MTXL07.5D6A
2002	Mitsubishi Motors	2MTXL07.5D6A
2002	Mitsubishi Motors	2MTXL07.5D6D
2000	Mitsubishi Motors	YMTXL07.5D6A
2005	Perkins	5PKXL06.6PJ1

Emission Control Family Name: CA/CLE/2008/PM3/N40/OF/LNF01

Lonestar™ Off-Road Verified Engine Family List

Model Year	Manufacturer	Engine Family Number
2006	Perkins	6PKXL06.6PJ1
2009	Perkins	9PKXL06.6PJ2
2005	Sisu Diesel	5SIDL07.4G4A
2005	Sisu Diesel	5SIDL07.4G4B
2005	Sisu Diesel	5SIDL07.4G5A
2005	Sisu Diesel	5SIDL07.4G5B
2005	Sisu Diesel	5SIDL08.4H4A
2005	Sisu Diesel	5SIDL08.4H5A
2006	Sisu Diesel	6SIDL07.4G4B
2006	Sisu Diesel	6SIDL07.4G5B
2007	Sisu Diesel	7SIDL07.4G5B
2001	Volvo Construction Equipment	1VSXL09.6CE1
2001	Volvo Construction Equipment	1VSXL09.6CE2
2002	Volvo Construction Equipment	2VSXL09.6CE2
2003	Volvo Construction Equipment	3VSXL09.6CE2
2004	Volvo Construction Equipment	4VSXL09.6CE2
2005	Volvo Construction Equipment	5VSXL09.4CE2
1996	Volvo Construction Equipment	TVS6.7R6DARA
1996	Volvo Construction Equipment	TVS9.6R6DARA
1997	Volvo Construction Equipment	VVS6.7R6DARA
1997	Volvo Construction Equipment	VVS9.6R6DARA
1998	Volvo Construction Equipment	WVSXL06.7CE1
1998	Volvo Construction Equipment	WVSXL09.6CE1
1999	Volvo Construction Equipment	XVSXL09.6CE1
2000	Volvo Construction Equipment	YVSXL09.6CE1