

Table 1. The Donaldson DCM DOC mufflers with 6000 Series catalyst formulation plus closed loop crankcase with Donaldson Spiracle closed crankcase filtration system with California diesel or lower sulfur fuel.

CASE CORPORATION

Model Year	Engine Family	Engine Displacement (liters)
1996	TX9505R6DTRA	8.3
	TX9505R6DTRC	8.3
	TX9505R6DTRB	8.3
1997	VX9505R6DTRC	8.3
	VX9505R6DTRB	8.3
	VX9505R6DTRA	8.3
1998	WX9XL0505ACA	8.3
	WX9XL0505ABB	8.3
	WX9XL0505ABA	8.3
	WX9XL0505AAA	8.3
	WX9XL0359AAA	5.9
	WX9XL0505ABC	8.3
	WX9XL0359ABA	5.9
1999	XX9XL0505AAA	8.3
	XX9XL0359ABA	5.9
	XX9XL0505ABB	8.3
	XX9XL0505ACA	8.3
	XX9XL0505ABC	8.3
	XX9XL0505ABA	8.3
2000	YX9XL0505ABB	8.3
	YX9XL0505ABA	8.3
	YX9XL0505ACA	8.3
	YX9XL0359ABA	5.9
	YX9XL0505AAA	8.3
	YX9XL0505ABC	8.3
2001	1X9XL0540AAA	8.9
	1X9XL0505ABC	8.3
	1X9XL0505ACA	8.3
	1X9XL0359ABA	5.9
	1X9XL0505ABA	8.3
	1X9XL0505ABB	8.3
	1X9XL0505AAA	8.3
	1X9XL0359AAA	5.9
	1X9XL0505ACC	8.3

Model Year	Engine Family	Engine Displacement (liters)
2002	2X9XL0359ABA	5.9
	2X9XL0505AAA	8.3
	2X9XL0359AAA	5.9
	2X9XL0505ABA	8.3
	2X9XL0505ABB	8.3
	2X9XL0505ACA	8.3
	2X9XL0505ABD	8.3
	2X9XL0359ABB	5.9
	2X9XL0359ABB	5.9
	2X9XL0359ABE	5.9
	2X9XL0505ABC	8.3
	2X9XL0505ABC	8.3
	2X9XL0505ACC	8.3
	2X9XL0505ACC	8.3
2X9XL0540AAA	8.8	
2003	3X9XL0505ABD	8.3
	3X9XL0359AAC	5.9
	3X9XL0505ABC	8.3
	3X9XL0505ACC	8.3
	3X9XL0540AAA	8.8
	3X9XL0505AAB	8.3
3X9XL0359ABE	5.9	

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CATERPILLAR, INC.

Model Year	Engine Family	Engine Displacement (liters)
2000	YCPXL07.2HRK	7.2

Model Year	Engine Family	Engine Displacement (liters)
2002	2CPXL08.8HSX	8.8

	YCPXL06.6MRB	6.6		2CPXL10.3ESX	10.3
	YCPXL06.6MRC	6.6		2CPXL06.6MRA	6.6
	YCPXL07.0MRB	7		2CPXL06.6MRB	6.6
	YCPXL07.2MRB	7.2		2CPXL06.6MRC	6.6
	YCPXL07.2MRC	7.2		2CPXL07.0MRA	7
	YCPXL10.4MRA	10.4		2CPXL07.0MRB	7
	YCPXL10.4MRB	10.4		2CPXL07.2MRB	7.2
	YCPXL10.4MRC	10.4		2CPXL07.2MRC	7.2
	YCPXL10.5MRD	10.5		2CPXL10.5MRF	10.5
	YCPXL10.5MRF	10.5		2CPXL10.5MRD	10.5
	YCPXL10.5MRG	10.5		2CPXL10.5MRG	10.5
	YCPXL14.6MRC	14.6		2CPXL18.0HSK	18
	YCPXL14.6MRJ	14.6		2CPXL12.0ESK	12
	YCPXL18.0MRJ	18		2CPXL08.8HSK	8.8
	YCPXL10.3ERK	10.3		2CPXL14.6ESK	14.6
	YCPXL12.0ERM	12		2CPXL10.3ESK	10.3
2001	1CPXL06.6MRB	6.6		2CPXL07.2HRK	7.2
	1CPXL07.0MRB	7		2CPXL14.6MRJ	14.6
	1CPXL06.6MRC	6.6		2CPXL07.2HSX	7.2
	1CPXL07.2MRB	7.2		2CPXL07.2HSK	7.2
	1CPXL07.2MRC	7.2	2003	3CPXL07.2HSK	7.2
	1CPXL07.2HRK	7.2		3CPXL07.2HSL	7.2
	1CPXL10.4MRA	10.4		3CPXL08.8HSL	8.8
	1CPXL10.4MRB	10.4		3CPXL08.8HSK	8.8
	1CPXL10.4MRC	10.4		3CPXL12.0ESK	12
	1CPXL10.5MRD	10.5		3CPXL18.0HSK	18
	1CPXL10.5MRF	10.5			
	1CPXL10.5MRG	10.5			
	1CPXL14.6MRJ	14.6			
	1CPXL06.6MRA	6.6			
	1CPXL07.0MRA	7			
	1CPXL10.3ESK	10.3			
	1CPXL12.0ESK	12			
	1CPXL14.6ESK	14.6			
	1CPXL18.0HSK	18			
	1CPXL07.2HSK	7.2			

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CUMMINS ENGINE COMPANY, INC.

Model Year	Engine Family	Engine Displacement (liters)
2002	2CEXL0661AAB	10.8
	2CEXL0661AAA	10.8
	2CEXL0359AAA	5.9
	2CEXL0359ABA	5.9
	2CEXL0359ABC	5.9
	2CEXL0359ABD	5.9
	2CEXL0359ADA	5.9
	2CEXL0505AAA	8.3
	2CEXL0505ABA	8.3

	2CEXL0505ABB	8.3
	2CEXL0505ACA	8.3
	2CEXL0505ACD	8.3
	2CEXL0505ACE	8.3
	2CEXL0661AAC	10.8
	2CEXL0661AAC	10.8
	2CEXL0505ABD	8.3
	2CEXL015.AAA	15
	2CEXL0359ABB	5.9
	2CEXL0359ABE	5.9
	2CEXL0505ABC	8.3
	2CEXL0505ACC	8.3
	2CEXL0540AAA	8.8
	2CEXL0661AAD	10.3
	2CEXL0505ACB	8.3
2003	3CEXL0359AAB	5.9
	3CEXL0359ABC	5.9
	3CEXL0505ABD	8.3
	3CEXL0505ACB	8.3
	3CEXL0661AAC	10.8
	3CEXL0540AAA	8.8
	3CEXL0359AAC	5.9
	3CEXL0359AAD	5.9
	3CEXL0505ABC	8.3
	3CEXL0505ACC	8.3
	3CEXL0661AAD	10.8
	3CEXL0661AAE	10.8
	3CEXL0359ABE	5.9
	3CEXL0409AAA	6.7

DETROIT DIESEL CORPORATION

Model Year	Engine Family	Engine Displacement (liters)
1996	TDD8.5TJDARE	8.5
	TDD5.2TG4ARE	5.2
	TDD12.TJDARE	12.7
	TDD11.TJDARE	11.1
	TDD11.TJDARE	12
1997	VDD11.TJDARE	11.1
	VDD8.5TJDARE	8.5
1998	WDDXL12.1TFM	9
	WMUXL12.0G2V	12
	VDDXL08.5TJD	8.5
	WDDXL11.1THD	11.1
	WDDXL12.7TGD	12.7
	WDDXL09.0TFE	9
1999	XDDXL09.1TFE	9
	XDDXL04.7TAE	4.7
	XDDXL12.7TGD	12.7

	XDDXL11.1THD	11.1
	XDDXL08.5TJD	8.5
	XDDXL05.2TMD	5.2
	XDDXL12.1TFM	9
	XDDXL12.1TFM	12.1
2000	YDDXL05.2TDM	5.2
	YDDXL04.7TAE	4.7
	YDDXL12.1TFM	12.1
	YDDXL09.0TFE	9
	YDDXL08.5TJD	8.5
	YDDXL11.1THD	11.1
	YDDXL12.7TGD	12.7
2001	1DDXL04.7TAE	3.1
	1DDXL05.2TDM	5.2
	1DDXL08.5TJD	8.5
	1DDXL08.5YJD	8.5
	1DDXL14.0VLD	14
2002	2DDXL04.7TAE	4.7
	2DDXL05.2TDM	5.2
	2DDXL08.5YJD	8.5
	2DDXL12.7VGD	12.7
2003	3DDXL08.5YJD	8.5
	3DDXL12.7VGD	12.7

KOMATSU, LTD.

Model Year	Engine Family	Engine Displacement (liters)
1996	TKL23.RZDARB	23.2
	TKL23.RZDARA	23.2
	TKL15.RZDARA	15.2
	TKL15.RZDARC	15.2
	TKL15.RZDARB	15.2
	TKD505R6DTRA	8.3
	TKD505R6DTRC	8.3
	TKL11.RZDARB	11
	TKL11.RZDARC	11
	TKL11.RZDARA	11
1997	VKD505R6DTRC	8.3
	VKD505R6DTRA	8.3
1998	WKDXL0505AAA	8.3
	WKDXL0505ABB	8.3
	WKDXL0359ABA	5.9
	WKDXL0359AAA	5.9
	WKLXL15.2EB1	15.2
	WKLXL11.0DC1	11
	WKLXL23.2FB1	23.2
	WKLXL7.15CC1	7.2
	WKLXL15.2ED1	15.2
	WKLXL7.15CB1	7.2

Model Year	Engine Family	Engine Displacement (liters)
2000	YKLXL7.15CC1	7.2
	YKLXL11.0DC1	11
	YKLXL15.2EC1	15.2
	YKLXL15.2ED1	15.2
	YKLXL23.2FB1	23.2
	YKLXL7.15CB1	5.2
	YKLXL15.2EB1	15.2
	YKLXL11.0DB1	11
	YKLXL0359ABA	5.9
	YKLXL0505ACA	8.3
YKLXL0505AAA	8.3	
YKLXL0505ABB	8.3	
2001	1KLXL15.2EC3	15.2
	1KLXL15.2ED3	15.2
	1KLXL11.0DD3	11
	1KLXL23.2FD3	23.2
	1KLXL15.2EB1	15.2
	1KLXL7.15CB1	7.2
	1KLXL7.15CC1	7.2
	1KLXL7.15CD1	7.2
	1KLXL7.15CD1	7.2
	1KLXL11.0DB1	11

	WKLXL15.2EB1	15.2
	WKLXL11.0DB1	11
1999	XKLXL15.2ED1	15.2
	XKLXL23.2FB1	23.2
	XKLXL15.2EC1	15.2
	XKLXL15.2EB1	15.2
	XKLXL11.0DC1	11
	XKLXL11.0DB1	11
	XKLXL7.15CC1	7.2
	XKLXL7.15CB1	7.2
	XKDXL0359ABA	5.9
	XKDXL0505ACA	8.3
	XKDXL0505AAA	8.3
	XKDXL0505ABB	8.3

	1KLXL11.0DC1	11
	1KLXL0359ABC	5.9
	1KLXL0359ABA	5.9
	1KLXL0505ABB	8.3
	1KLXL0505AAA	8.3
	1KLXL0359AAA	5.9
	1KLXL0505ACA	8.3
	1KLXL11.0DD4	11
	1KLXL23.2FC3	23.2

**Table 1. The Donaldson DCM DOC mufflers with 6000 series catalyst formulation plus closed loop
KOMATSU, LTD.**

Model Year	Engine Family	Engine Displacement (liters)	
2002	2KLXL15.2EE3	15.2	
	2KLXL7.15CB1	7.2	
	2KLXL7.15CC1	7.2	
	2KLXL7.15CD1	7.2	
	2KLXL11.0DB1	11	
	2KLXL11.0DB1	11	
	2KLXL11.0DC1	11	
	2KLXL11.0DD3	11	
	2KLXL11.0DD4	11	
	2KLXL15.2EB1	15.2	
	2KLXL15.2EC3	15.2	
	2KLXL15.2ED3	15.2	
	2KLXL23.2FC3	23.2	
	2KLXL0359AAA	5.9	
	2KLXL0359ABA	5.9	
	2KLXL0359ABC	5.9	
	2KLXL0505AAA	8.3	
	2KLXL0505ABB	8.3	
	2KLXL0505ACA	8.3	
	2KLXL0505ABD	8.3	
	2KLXL11.0DC3	11	
	2KLXL11.0DD5	11	
	2KLXL11.0DD6	11	
	2003	3KLXL0359ABC	5.9
		3KLXL0505ABD	8.3

3KLXL11.0DD3	11
3KLXL15.2EE3	15.2
3KLXL15.2ED3	15.2
3KLXL15.2EC3	15.2
3KLXL11.0DD5	11
3KLXL11.0DC3	11
3KLXL23.2FC3	23.2
3KLXL0359AAB	5.9

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