

APPROVAL AND CERTIFICATION CENTER
NONPERMISSIBLE DIESEL ENGINES APPROVED UNDER PART 7

APPROVAL NUMBER	DATE ISSUED	ENGINE MANUFACTURER	ENGINE MODEL #	RATING(S)		INDEX (CFM)
				AT 1000 FT. -ELEV.	(CFM) VENTILATION	PARTICULATE
7E-B001-0		DEUTZ MWM	916-6	94@2300		
7E-B002-0	07/10/97	DEUTZ				
	07/15/97					11,500
			BF6M 1015C	402@2100	4,000	17,500
7E-B003-0					18,500	17,500
	12/19/97	CAT			17,500	16,000
7E-B004-0					20,000	15,000
	12/19/97	CAT	3304 PCNA	150@2200	17,500	23,000
7E-B005-0			L57, 6.5L			
	12/24/97	GM	3304 PCNA	100@2200	7,500	15,000
7E-B006-0	01/15/98	(Retired) ISUZU		160@3400	5,000	9,500
		(NAME CHANGE TO)	5D100-301	79@2800	7,500	8,500
						7,500
7E-B007-0		ISUZU MOTORS			5,000	
	02/11/98	AMERICA, LLC)		255/261@2300	5,000	
		DEUTZ		229/236@2300		
			BF6M 1013CP			19,000
7E-B008-0						16,000
	02/11/98	382@1800			12,000	15,000
		333@1800		154/158@2000	10,500	14,500
		DEUTZ			12,000	
			BF4M 1013C		11,000	
						7,500
						6,500
7E-B009-0	03/06/98	DEUTZ	BF6M 1013EC	104/107@2400	8,500	7,500
					7,500	6,500
					8,000	
					7,500	
Last Updated	12/15/09		BF8M 1015C	536@2100		18,000
				1		18,000
					24,000	17,500
350@2100					23,000	
					22,000	
		BF4M 1013EC				
		239/244@2100				
		216/221@2100				

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					VENTILATION	PARTICULATE
		MANUFACTURER	ENGINE			
7E-B010	03/11/98		3306 DITA			5,500
						18,000
7E-B011	03/13/98	CAT	DEUTZ	BF4M 1012C	110/113@2500	4,000
				BF4M 1012EC	99/1102@2500	4,000
				165@2200	24,000	6,500
7E-B012	04/15/98	CAT	C10	335@2100	10,500	6,500
				310@2100	15,000	8,000
				270@2100	13,500	7,500
					11,500	
7E-B013	05/14/98	DEUTZ	F4L1011F	59@3000		6,500
7E-B014	05/14/98	DEUTZ	F3L1011F	44@3000	3,500	5,000
7E-B015	05/14/98	DEUTZ	F2L1011F		2,500	3,500
7E-B016	05/14/98	GENERAL MOTORS	L65, 65L	195@3400	2,000	
7E-B017	06/19/98		3306 ATAAC	30@3000	9,500	
				300@2200	11,500	24,000
		488@1900				12,000
		CAT				
7E-B018	06/23/98	CAT	3406E ATAAC	500@2100	24,000	
				490@2000	22,000	10,500
				475@2100	22,000	13,000
				450@2100		12,500
				425@2100	21,000	12,000
				400@2100	18,500	13,000
				360@2100		
				360@2100	17,000	12,000
					17,000	
						14,000
						14,000

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					VENTILATION	PARTICULATE
7E-B019	06/23/98	MANUFACTURER RTZ	BF4L 1011F ENGINE	74@2800		4,500
7E-B020	07/01/98		1004-40TW	122@2300	5,500,000	7,500
7E-B021	07/01/98	PERKINS PERKINS PERKINS	1006-60T	155@2200	13,000	
7E-B022	07/01/98		1004-4T	108@2400	7,500	12,000
				103@2200	9,000	9,000
7E-B023	08/20/98	DEUTZ	F6L912W	80@2300		5,000
7E-B024	08/20/98	DEUTZ	F5L912W	67@2300	4,500	9,000
7E-B025	08/20/98	DEUTZ	F4L912W	54@2300	4,000,000	3,500
7E-B026	08/20/98		F3L912W	40@2300		4,500
7E-B027	08/24/98	PERKINS	704-26	58@2600	2,500	8,000
7E-B028	10/06/98	DEUTZ	F6L912W	62@2500	2,000	3,500
					3,000	3,000
					2,300	
7E-B029	10/06/98	DEUTZ	F4L912FW	62@2500		3,500
7E-B030	10/06/98	DEUTZ	F5L912W	58@2300	3,000	4,500
7E-B031	10/06/98	DEUTZ	F3L912W	47@2300	4,000	2,500
7E-B032	10/09/98	DETROIT DIESEL	8V-2000TA DDEC	650@2100	2,500	10,000
7E-B033	11/16/98		104-19	42.5@2800		7,000
7E-B034	12/07/98	DEUTZ	F6L413FW	137@2300	45,000	
Last Updated 12/15/09				3	2,000	7,000
					8,000	

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				<u>AT 1000 FT.-ELEV.</u>	<u>(CFM)</u>	
					VENTILATION	PARTICULATE
7E-B035	12/07/98	MANUFACTURER DEUTZ	F8L413FW	ENGINE 182@2300	10,500	9,500
7E-B036	12/07/98	DEUTZ	F10L413FW		13,500	12,000
7E-B037	12/07/98	DEUTZ	F12L413FW			14,000
7E-B038	03/19/99	RESCINDED ISUZU	C240MA (QD60)	56@3,000	16,000	5,500
				228@2300		
7E-B039	04/02/99	RETIRED ISUZU CHANGE TO MOTORS AMERICA, LLC)	6BD1MA(QD145)	274@2300	135@2,800	12,000
7E-B040	06/10/99	LISTER-PETTER	LPU-4 MKI			9,500
7E-B041	06/10/99	LISTER-PETTER	LPU-3 MKI	35@3,000		7,000
7E-B042	06/10/99	LISTER-PETTER	LPU-2 MKI	17.5@3,000	2,000	5,000
7E-B043	06/10/99	LISTER-PETTER	PLU-4 MKII	26.3@3,000	1,500	6,000
7E-B044	06/10/99	LISTER-PETTER	LPU-3 MKII	38.6@3,000	1,000	4,500
7E-B045	06/16/99		4BG1T-MA	29@3,000	2,000	13,000
(NAME ISUZU				111@2,400	1,500	
		ISUZU	CHANGE TO MOTORS AMERICA, LLC)		7,000	
7E-B046	06/16/99	ISUZU	6BG1-MA	129@2,500	6,000	16,000
			CHANGE TO MOTORS AMERICA, LLC)			

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7E-B047	06/18/99	DETROIT DIESEL	6043TK32	315@2,100 300@2,100 275@2,100	16,000 15,500 15,000 12,500	5,000 5,000 4,500 4,500
7E-B048	06/18/99	DETROIT DIESEL	60636EK32	250@2,100 325@2,100 300@2,100 285@2,100	18,000 16,500 15,500 28,000	5,000 5,000 5,500 8,500
7E-B049	06/18/99	DETROIT DIESEL	60636TK32	475@2,100 450@2,100 425@2,100 400@2,100 375@2,100 350@2,100	27,000 26,000 25,000	7,500 7,500 6,500 7,500
7E-B050	08/09/99	changed to MTU Detroit Diesel) DETROIT DIESEL	N063DH32	230@2,200 230@2,200 230@2,200 230@2,200	22,000 21,000 10,000	12,500 10,500 4,500
7E-B051	09/22/99	CUMMINS ENGINE	ISB-235	235@2,700	10,000 10,000	3,000 6,000
(Name						
7E-B052	09/22/99	CUMMINS ENGINE	B5.9-160, B5.9-175, B5.9-180	215@2,700	14,500	4,000

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		MANUFACTURER	ENGINE			
7E-B053	10/05/99			25.8@3,000		1,500
7E-B054	10/14/99	KUBOTA ENGINE	V1200 F3M1011F		1,000	3,500
7E-B055	10/14/99	DEUTZ CORP.			3,000	4,500
7E-B056	10/14/99	DEUTZ CORP.	F4M1011F	61@2,800	3,500	
		DEUTZ CORP.	BF4M1011F	46@2,800 82@2,800 75@2,500 233@2,300	5,500 5,500 5,000	5,500 4,000
7E-B057	10/14/99					8,500
		DEUTZ CORP.	BF6M1013C BF6M1013EC	228@2,300	16,000 16,000	8,500
7E-B058	10/14/99					
		DEUTZ CORP.	BF6M1013	194@2,300 189@2,300	17,500 17,500	5,500 5,500
7E-B059	10/14/99		BF4M1013	127@2,300 125@2,300	11,500 11,500	4,500 4,500
7E-B060	10/15/99	DEUTZ CORP.	F4L1011			2,000
7E-B061	10/15/99	DEUTZ CORP.	F3L1011		3,000	
7E-B062	10/15/99	DEUTZ CORP.	F2L1011	56.3@3,000 28.2@3,000	2,500	1,500
7E-B063	10/28/99	DEUTZ CORP.	3306 PCTA	41.6@3,000 215@2,200	1,500 12,000 11,500	1,000 31,000
7E-B064	11/05/99	CAT	3054 DIT	108@2,400 102@2,200		31,000 9,000
7E-B065	11/05/99	CAT	3054 DITA	190@2,200 122@2,300	7,500 10,000	7,500
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				AT 1000 FT.-ELEV.	(CFM)	
					VENTILATION	PARTICULATE
7E-B066	11/05/99	MANUFACTURER	3056 DIE ENGINE	152@2,200		12,000
7E-B067	11/24/99	CAT	A185		13,000	15,000
7E-B068	11/24/99	NAVISTAR	A215 & A225	215@3,000	8,500	11,000
7E-B069	11/24/99	NAVISTAR	A250, B235, B250	250@2,600	18,000	
7E-B070	11/29/99	NAVISTAR	43F 185@3,300	14@3,000	15,000	6,000
7E-B071	02/29/00	FARYMANN			1,000	
7E-B072	02/29/00	Kubota	D704LTE	48.4@2,800	2,500	4,000 2,000
			V2203-E	82@2,300		
7E-B073	02/29/00	Detroit Diesel	D706LTE	84@2,600	6,500	7,000
					5,500	7,500
7E-B074	03/28/00	Detroit Diesel	3LD1MA	123@2,600	7,000	11,000
		(Retired)		122@2,300		11,000
		American Isuzu	CHANGE TO	33.3@3,000	2,000	
			MOTORS AMERICA, LLC)			
7E-B075	03/28/00	(Retired)	4LE1MA	54@3,000		3,500
		American				6,500
					2,500	
		Isuzu (NAME CHANGE TO				
		ISUZU MOTORS AMERICA, LLC)				
		(Retired)				

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				AT 1000 FT.-ELEV.	(CFM)	
					VENTILATION	PARTICULATE
7E-B076	03/28/00	MANUFACTURER	4LC1MA			4,500
		American Isuzu (NAME CHANGE TO ISUZU MOTORS AMERICA, LLC)	ENGINE		2,000	
		(Retired)	4103,000			
7E-B077	04/06/00		BF3M1011F	45.5@2800		5,500
						4,000
7E-B078	05/02/00	Deutz Corp. DEUTZ CORP.	BF6M1013FC-MVS	42@2500 282@2300	5,500 5,000	4,000
					17,000	
7E-B079	07/14/00		2013-3LCNA	51@2200	4,500	8,500
		New Holland North America	3-Cylinder			
7E-B080	06/23/00			250@2200	16,500	3,000
		Detroit Diesel	N063-DH32			
7E-B081	09/19/00		QSK19-C	650@2100	45,000	
7E-B082	12/08/00	Cummins			33,000	33,000
7E-B083	1/18/01	Caterpillar	3408EM906 LA	510@2000	11,000	17,000
7E-B084	03/26/01	Cummins Engine (Retired)	4BTA 3.9-C	275@2200 116@2500		7,500
		DaimlerChrysler			6,500	7,000
			Diesel Engine			

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				AT 1000 FT.-ELEV.	(CFM) VENTILATION	PARTICULATE
7E-B085	05/25/01	(Retired) American Isuzu	C240MA(QD60) GroENGINEnd II	56hp@3000	2,500	5,500
		CHANGE TO AMERICA MOTORS, LLC)				
7E-B086	06/14/01	(Retired) Group III American Isuzu	C240MA(QD60) CHANGE TO AMERICA MOTORS, LLC)	56@3000	3,000	2,500
7E-B087	08/06/01		60 141 DDEC IV	575@2100	28,000	
7E-B088	09/06/01	Detroit Diesel Model 6B61MA1	6B61MA1 CHANGE TO AMERICA MOTORS, LLC)	116@2500	4,500	12,000 11,000
7E-B089	10/19/01		F4L 1011F			3,000
(NAME ISUZU	10/19/01	Deutz Corp.	F3L 1011F	59@3000	4,000	2,500
7E-B091	10/19/01	Deutz Corp.			3,000	1,500
(NAME ISUZU	11/14/01	Deutz Corp.	F2L 1011F 6043TK32	30@3000	2,000	7,000
7E-B093	03/15/02	Detroit Diesel	Model B3.3,	65@2600	21,000	3,500 8,000
7E-B094	03/15/02	Cummins Engine (Retired) (NAME ISUZU	Naturally Aspirated		4,500	
		Cummins Engine		85@2600		9,500

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				AT 1000 FT.-ELEV.	(CFM)	PARTICULATE
7E-B095	06/06/02	MANUFACTURER American Isuzu CHANGE TO MOTORS AMERICA, LLC)	Model 4JG1TMA ENGINE	83@2500	6,000	
						6,500
7E-B096	11/14/02	(Retired) Co	Models BF4M2011,	87@2800	7,000 7,000	3,500
			BF4L2011	78@2800 475@2100	26,000	3,500 19,000
7E-B097	11/14/02		60 DDEC IV	425@2100		
		Detroit Diesel	Model 6063MK32	450@2100	26,000 24,000 22,000 21,000	18,500 12,500 10,000 10,000
7E-B098	06/06/03		Model OM 904 LA	174@2200	21,000	7,500
(NAME ISUZU		DaimlerChrysler	Diesel Engine	400@2100 350@2100 325@2100 134@2200 121@2200	16,500 4,500 6,500 6,500 5,500	8,500 11,000 3,000
7E-B099	10/03/03			240@2500		
07-ENA030001	10/22/03	Cummins Inc.	375@2100 Model QSB-C240		13,500	2,500 5,500
07-ENA030002	12/20/03	Mitsubishi	S4S	63@2500	3,000	4,500
07-ENA040001	07/01/04	Cummins Perkins	404C-155C	155@2500 51@3000	9,000 2,500	5,500 3,000

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				<u>VENTILATION</u>		<u>PARTICULATE</u>	
07-ENA050005	09/13/05	Cummins		215@2200	14,500		
07-ENA050006	12/30/05	American Isuzu	QSC-4861TMA2			12,000	
		CHANGE TO MOTORS AMERICA, LLC)					
07-ENA050007	09/28/05	Deutz	BF3M/L2011	60.0@2000 50.5@2300 52.2@2300	4,500 4,000 4,000	2,000 2,000 2,000	
07-ENA050008	11/23/05	Kubota	V2203-M-DI-E2B	48.8@2800			
07-ENA090001	04/27/09	Perkins Shibaura	404D-22		2,500		
07-ENA090002	04/27/09	Perkins Shibaura	404-D22T	51@3000	2,500	5,000	3,000 3,500
07-ENA090004 (Retired) (NAME ISUZU	05/20/09	International	A350 and A325	61@3000 350@3000	3,000 18,500		500

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