

**4000 Series Diesel Engine Emissions**  
**Standard Spill Timing - None Emissions Compliant**



**Prime Nett Power Rated @ 1500rpm**

Emission level in mg/Nm<sup>3</sup> corrected to 5% oxygen in the exhaust

Engine Type	Timing BTDC	Prime Power Gross kWb	Fuel Input		NOx mg/Nm <sup>3</sup>	CO mg/Nm <sup>3</sup>	HC mg/Nm <sup>3</sup>	PM mg/Nm <sup>3</sup>	Comments
			<3MW	>3MW					
4006-23TAG2A	17.5°	658	*		3300	310	120	<80	
4006-23TAG3A	17.5°	705	*		3100	320	100	<80	
4008TAG1A	16°	805	*		2585	242	88	<80	
4008TAG2A	16°	899	*		2378	254	75	<80	
4008-30TAG1	18°	808	*		3471	438	140	<80	
4008-30TAG2	16°	892	*		3227	326	143	<80	
4008-30TAG3	14°	997	*		3092	245	144	<80	
4012-46TWG2A	22°	1113	*		5400	350	130	<50	
4012-46TWG3A	22°	1207	*		5100	410	120	<50	
4012-46TWG4A	22°	1308		*	4600	400	108	<50	
4012-46TAG0A	16°	1117	*		3950	250	120	40	
4012-46TAG1A	18°	1212	*		3700	240	120	37	
4012-46TAG2A	18°	1331		*	3280	240	90	48	
4012-46TAG3A	18°	1500		*	2990	480	90	47	
4016TAG	18°	1502		*	3457	537	226	<80	
4016TAG1A	16°	1588		*	2380	177	100	<80	
<b>4016TAG2A</b>	<b>16°</b>	<b>1766</b>		<b>*</b>	<b>2158</b>	<b>283</b>	<b>64</b>	<b>&lt;80</b>	
4016-61TRG1	18°	1648		*	3447	296	116	22.5	
4016-61TRG2	16°	1774		*	2743	309	138	27.5	
4016-61TRG3	14°	1975		*	2341	215	143	30.4	

Typical emissions levels for 4000 Series diesel engines. Data may be subject to variation if the engine is not maintained according to Perkins Service and Maintenance Manuals. Data is valid on date of issue only.

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