

G3500

Gas Compression Engines Quick Reference Card



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Ignition/Control Systems by Year	Year:	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11
	Magneto	Magneto																										
	EIS															EIS												
ADEM™ A3																								A3				

Family	S/N Prefix	Aspiration	rpm/100	Emissions Sens.	Combustion	NOx Level	bhp/100																		Year											
							2	4	6	8	10	12	14	16	18	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05
G3508	2JF	NA, 2T	12, 14, 15	None	Lean or Rich	2, 5	[Bar chart showing power ranges for 2JF]																		Magneto											
	9TG	2T	12, 14, 15	None, O ₂	Lean Burn	1.5, 2	[Bar chart showing power ranges for 9TG]																		EIS											
	4WD	NA, 2T	12	None	Rich Burn	14, 20	[Bar chart showing power ranges for 4WD]																		EIS											
	DLR	2T	12	None	Rich Burn	11, 24	[Bar chart showing power ranges for DLR]																		A3											
	WPM	2T	12	None	Lean Burn	2	[Bar chart showing power ranges for WPM]																		A3											
	WPN	2T	14	None, O ₂ , NOx	Lean Burn	2	[Bar chart showing power ranges for WPN]																		A3											
G3508B	RBK	1T	14	NOx	Lean Burn	0.5, 1	[Bar chart showing power ranges for RBK]																		A3											
G3512	4KC	NA, 2T	10, 12, 14, 15	None	Lean or Rich	2	[Bar chart showing power ranges for 4KC]																		Magneto											
	7NJ	2T	10, 12, 14, 15	None, O ₂	Lean Burn	1.5, 2	[Bar chart showing power ranges for 7NJ]																		EIS											
	5JD	NA, 2T	10, 12	None	Rich Burn	11, 21	[Bar chart showing power ranges for 5JD]																		EIS											
	WPR	2T	14	None, O ₂ , NOx	Lean Burn	1.5, 2	[Bar chart showing power ranges for WPR]																		A3											
	WPP	2T	12	None, O ₂ , NOx	Lean Burn	1.5, 2	[Bar chart showing power ranges for WPP]																		A3											
	GNS	2T	12	None	Rich Burn	13, 25	[Bar chart showing power ranges for GNS]																		A3											
G3512B	JHH	1T	14	NOx	Lean Burn	0.5, 1	[Bar chart showing power ranges for JHH]																		A3											
G3516	3RC	NA, 2T	10, 12	None	Lean or Rich	2, 5, 15, 20	[Bar chart showing power ranges for 3RC]																		Magneto											
	4EK	2T	10, 12, 14, 15	None, O ₂	Lean Burn	1.5, 2	[Bar chart showing power ranges for 4EK]																		EIS											
	8LD	NA, 2T	10, 12	None	Rich Burn	13, 18, 21	[Bar chart showing power ranges for 8LD]																		EIS											
	WPW	2T	14	None, O ₂ , NOx	Lean Burn	1.5, 2	[Bar chart showing power ranges for WPW]																		A3											
	WPT	2T	12	None, O ₂ , NOx	Lean Burn	1.5, 2	[Bar chart showing power ranges for WPT]																		A3											
	WPS	NA, 2T	12	None	Rich Burn	14, 25	[Bar chart showing power ranges for WPS]																		A3											
G3516B	JEF	2T	14	NOx	Lean Burn	0.5, 1	[Bar chart showing power ranges for JEF]																		A3											
G3520B	GLF	2T	12	NOx	Lean Burn	0.5, 1	[Bar chart showing power ranges for GLF]																		A3											
	TPC	2T	14	NOx	Lean Burn	0.5, 1	[Bar chart showing power ranges for TPC]																		A3											

NA, 1T, 2T: Naturally Aspirated, One Turbocharger, Two Turbochargers

rpm/100: For common gas compression ratings

All engines with NOx or O₂ sensors are also equipped with Air Fuel Ratio Control

*Not to exceed level for NOx equipped lean burn engines, nominal for all others (g/bhp-hr)

Caterpillar Global Petroleum

AMERICAS

Caterpillar Inc.

Global Petroleum
13105 N.W. Freeway
Suite 1100
Houston, Texas 77040-6321
Tel: (+1) 713-329-2207
Fax: (+1) 713-895-4280

RUSSIA

Caterpillar CIS LLC

82 Sadovnicheskaya Str.
Moscow 113035, RF
Tel: (+7-495) 755-6811
Fax: (+7-495) 785-5688

ASIA PACIFIC

Caterpillar Asia Pte., Ltd.

Global Petroleum
7 Tractor Road
Singapore 627968
Tel: (+65) 6828-7333
Fax: (+65) 6828-7414

CHINA

Caterpillar Global Petroleum China

Room 1601 Caterpillar Tower
No. 8 Wangjing Street
Beijing 100102, P.R. China
Tel: (+86-10) 5921-0521
Fax: (+86-10) 5921-0022

EUROPE, AFRICA, AND MIDDLE EAST

Caterpillar Commercial Northern Europe Ltd.

Global Petroleum
OTV House
Wokingham Road, Rounds Hill
Bracknell, Berkshire
United Kingdom
RG42 1NG
Tel: (+44) 1344 782 920
Mobile: (+44) 7717411938
Fax: (+44) 1344 782 930

Caterpillar Motoren GmbH & Co. KG

Global Petroleum
Falckensteiner Str. 2
D-24159 Kiel, Germany
Tel: (+49) 431 3995 2208
Fax: (+49) 431 3995 4208

To learn more about gas compression engines from Caterpillar Global Petroleum, call your local Cat dealer or visit www.catoilandgasinfo.com.