

## PETRONOMICS NATURAL GAS ENGINE OIL RECOMMENDATION APPLICATION CHART

ENGINE MANUFACTURER	FUEL	MODEL	PETRONOMICS RECOMMENDATION
AJAX	CG	2-Cycle	56924, 56925
CATERPILLAR	CG	6.25" Bore	56912, 56913
	CG	3400, 3500, 3600	56902, 56903, 56922, 56923
	LFG	ALL	56902', 56903', 56922, 56923
COOPER BESSEMER	CG	2-Cycle	56912, 56913
	CG	4-Cycle	56908, 56909, 56902, 56903, 56922, 56923
DRESSER RAND - INGERSOLL RAND	CG	Category I	56910, 56911, 56912, 56913
	CG	Category II	56910, 56911, 56912, 56913
	CG	Category III	56906, 56907, 56908, 56909
CLARK	CG	2-Cycle	56912, 56913
ENTERPRISE	CG	ALL	56908, 56909
FAIRBANKS-MORSE (MEP)	CG	2-Cycle	56906, 56907, 56908, 56909, 56902, 56903, 56922, 56923
NORDBERG	CG	ALL	56908, 56909
	LFG	ALL	56920, 56921
SUPERIOR WHITE	CG	G, GT, GST	56904, 56905
	CG	1700, 2400	56902, 56903, 56922, 56923
	LFG	G, GT, GST	56920, 56921
	LFG	1700, 2400	56918, 56919
WAUKESHA	CG	VHP, AT, VSG, F817, F1197	56902, 56903, 56922, 56923
	CG	VSG Series	56902, 56903, 56922, 56923
	CG	VGF Series	56904, 56905
	CG	VHP- (3-Ring) Lean Burn	56904, 56905
	LFG	VHP, AT	56920, 56921
	BMG	VHP, AT	56918, 56919
	DG	All	56904, 56905
WORTHINGTON	CG	2-Cycle	56912, 56913
	CG	2-Cycle TC	56916, 56917
	CG	4-Cycle	56916, 56917

**NOTES:**

1. Petronomics 56918, 56919 is a preferred alternative for Caterpillar landfill gas application.

**FUELS:**

CG - CLEAN GAS - Natural Gas 90-95% Methane with <10ppm H2S and <5% Liquid Hydrocarbons.

LFG - LANDFILL GAS - 40-60% Methane, 20-40% CO2, 500-1500ppm H2S, 50-150ppm Chlorinated Compound and quantities of Silicon Compounds (Siloxane).

DC - DIGESTER GAS - Sewer Gas - 50-70% Methane, 20-30% CO2 can contain large amounts of corrosive compounds (H2S)

BMG - BIO-MASS GAS - See Digester Gas.