

# PERTAMINA NG LUBE LONG LIFE

## SAE 30, 40



**HIGH QUALITY  
GAS ENGINE OIL**

Characteristics	Test Method	NG LUBE LONG LIFE 30	NG LUBE LONG LIFE 40
SAE Viscosity Grade		30	40
Density at 15 °C, kg/l	ASTM D - 4052	0.8735	0.8729
Kinematic Viscosity at 40 °C, cSt	ASTM D - 445	87.48	122.3
at 100 °C, cSt	ASTM D - 445	10.92	13.53
Viscosity Index	ASTM D - 2270	110	107
ASTM Colour	ASTM D - 1500	L 6.0	L 6.0
Flash Point, °C	ASTM D - 92	258	252
Pour Point, °C	ASTM D - 5950	-18	-18
Total Base Number, mg KOH/g	ASTM D - 2896	5	5
Sulfated Ash, %wt	ASTM D - 874	0.58	0.58

**NG LUBE LONG LIFE** Series are high quality gas engine oil, which are suitable for spark ignited type engines using natural gas fuel.

**NG LUBE LONG LIFE** Series meet API CF.

**NG LUBE LONG LIFE** Series are specially formulated from high viscosity index base oil group II and selected additive so it can use for longer drain interval application.

**NG LUBE LONG LIFE** Series are designed to have excellent oxidation and nitration stability, to prevent deposit formation, overcome wearing out, corrosion and scuffing and neutralize acids from combustion process. The lubrication of these lubricant will give an optimal protection for daily non-stop operating engines.

### PERFORMANCE LEVELS

**NG LUBE LONG LIFE** Series is approved by Waukesha.

### SUPERIORITIES

- High resistance on nitration and oxidation provide longer drain interval.

- Preventing detonation on piston groove and under crown also at combustion chamber.
- Providing optimum Ash level to prevent wearing out in valve and valve seat, which can cause valve guttering to torching.
- It has optimum protection on metal corrosion, wear and scuffing.
- It has optimum protection against sparkplug fouling.
- It has low evaporation level and good compatibility with various type of seal.

### APPLICATIONS

**NG LUBE LONG LIFE** Series can be applied to four stroke engines, either naturally aspirated or turbocharged type such as Caterpillar, Waukesha, Wartsila, Dresser Rand, Jenbacher and Deutz AG-1, which are operating as gas gathering rotary compressor, main line compressor station, generator set, co-generator, etc.