

M Y S T I K[®] L U B R I C A N T S
T E R R A[®] 5 0 0 G A S E N G I N E O I L S



Date 01/10

Low Ash Gas Engine Oils

DESCRIPTION:

Mystik Lubricants Terra 500 Low Ash Gas Engine Oils are premium quality lubricants compounded with a low ash detergent and an excellent ashless dispersant, as well as oxidation and corrosion inhibitors. They are specially formulated for four-cycle naturally aspirated and turbocharged natural gas/LPG fueled engines. Use where low ash oils are permitted in low, medium, or high speed four-cycle engines. Recommended for use in high-speed, four-cycle industrial engines such as Caterpillar, Dresser-Rand (Ingersoll-Rand) Category I and II, Fairbanks-Morse, Superior, and Waukesha. Not recommended for LPG or CNG conversions in automotive service. Higher TBN oils like Mystik JT-8 oils should be used for these applications and industrial applications running on sour gas.

FEATURES:

- Excellent oxidation and nitration inhibition for protection against oil thickening and outstanding viscosity control
- Superior antiwear protection
- High flash point from low volatility base stocks
- Low pour point
- High viscosity index for year-round performance
- Low ash technology

TYPICAL PROPERTIES:

MYSTIK[®] LUBRICANTS TERRA[®] 500 GAS ENGINE OIL

Material Code	663053002	663050002	663051002
SAE Grade	40	15W-40	15W-50
Gravity, ASTM D 4052, °API	29.9	30.1	30.6
Pounds/Gallon at 60°F	7.34	7.29	7.27
Specific Gravity at 60°F	0.881	0.874	0.873
Viscosities:			
at -20°C, cP	—	4800	4700
at 40°C, cSt	121	103	131
at 100°C, cSt	13.5	13.7	17.5
Viscosity Index	105	133	147
Flash Point, ASTM D 92, COC, °F (°C)	525 (274)	446 (230)	446 (230)
Pour Point, ASTM D 97, °F (°C)	+10 (-12)	-22 (-30)	-22 (-30)
Color, ASTM D 1500	4.5	4.5	5.0
Sulfated Ash, ASTM D 872, wt %	0.5	0.5	0.5
Total Base Number, ASTM D 2896, (TBN)	5.0	5.0	5.0