Fixed gas engine oil

Performance Overview

Maxtop stationary gas engine oil is a lubricant specially designed for stationary gas engines that use natural gas, liquefied petroleum gas or other fuels. These engines are usually used in power generation, cogeneration, industrial process control and other fields. It is made of deeply refined mineral oil, high-pressure hydrogenated base oil, and high-performance low-ash composite functional additives.

Features

01

Better anti-oxidation performance, lower ash content, and good lubricity to keep the inside of the engine clean.

02

High viscosity index , maintaining suitable viscosity at different temperatures, ensuring lubrication under various working conditions.

03

Low volatility reduces the evaporation loss of engine oil and increases the service life of oil.

04

Shear stability , maintaining viscosity under high shear forces, suitable for high-speed gas engines.

05

Rapid lubrication can quickly reach all parts of the engine and provide immediate protection.

06

Anti-foaming property reduces the formation of foam and ensures the stability and lubrication effect of the oil.

Application Scenario

Power generation , cogeneration , industrial process control , natural gas compression station , trigeneration system , distributed energy system , backup power supply , natural gas vehicles.

No. 138, Guanshan Road, Shuangliu District, Chengdu, China (Sichuan) Pilot Free Trade Zone
TEL：+8613541155698 EMAIL：maxtop@maxtop-oil.com
TEL：+864008330667 Website：www.maxtop-oil.com

Performance indicators of fixed gas engine oil

Project		Quality indicators		
Model		10W40	15W40	20W50
Kinematic viscosity (100 ℃), mm2 / s		12.5~<16.3	12.5~<16.3	16.3~<21.9
Low temperature dynamic viscosity/(mPa.s) not more than		7000(-25)	7000(-20)	9500(-15)
High temperature and high shear viscosity (150℃, 10 6 s -1)/(mPa.s)	not less than	2.9	3.7	3.7
Low temperature pumping viscosity, mPa.s, not more than		60000（-30）	60000（-25）	60000（-20）
Flash point (open), ℃	No less than	205	215	215
Pour point, ℃	No higher than	-30	-25	-20
Sulfated ash (mass fraction) /%	not more than	0.6~1.5		
Alkalinity (in KOH) /mg/g	not less than	6.0~12.0		
Evaporation loss (mass fraction) /%	not more than	Report		
Liquid phase corrosion test distilled water		Rust-free		
Foaming properties (foam tendency / foam stability), mL/mL				
24 ℃	No more than	20/0		
93.5 ℃	No more than	50/0		
After 24 ℃	No more than	20/0		
Water (volume fraction), %	No more than	trace		
Mechanical impurities (mass fraction), %	No more than	0.01		

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