CK-4 diesel engine oil

Performance Overview

Maxtop CK-4 diesel engine oil is made of highly refined second class, third class, fourth class and fifth class base oil, and is refined by adding high-efficiency and multi-functional compound additives. Strengthen anti-wear protection: zinc, molybdenum and other anti-wear additives are used to reduce the wear of cylinder liner, piston ring and turbocharger, and extend the engine overhaul mileage. Fuel economy optimization: The low friction formula reduces mechanical resistance and reduces overall fuel consumption by 2%-4%, helping the fleet reduce operating costs. CK-4 diesel engine oil of various viscosity levels can be produced according to customer requirements.

Features

01

Using high kinetic energy protection technology, it can provide excellent lubrication protection for modern engines under various pressures and temperatures.

02

The use of more synthetic base oils has significantly improved the overall performance of the oil, with excellent soot suppression and viscosity control capabilities, and outstanding anti-wear protection

03

Reduce fuel consumption and save money while maintaining excellent engine protection and durability.

04

Longer oil change intervals.

05

It effectively prevents the formation of carbon deposits in the cylinder.

06

The advanced low-ash formula can effectively control the blockage or poisoning of the exhaust after-treatment system, helping to maintain vehicle emissions compliance while taking into account engine fuel economy.

Application Scenario

Suitable for super-heavy-duty, high-boost diesel engines, large heavy-duty container tractors , heavy-duty construction machinery and other diesel engines with high environmental emission standards such as exhaust gas recirculation (DGR) systems and diesel particulate filters (DPF). Recommended for all naturally aspirated and turbocharged diesel engines. Developed in accordance with the latest emission standards, it is more suitable for off-road and construction vehicles. Public large commercial transport vehicles, keeping up with the latest electronic control engines.

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

CK-4 diesel engine oil performance indicators

Project		Quality indicators		
Model		5W/30	10W/40	15W/40
Kinematic viscosity (100 ℃), mm2 / s		9.3~<12.5	12.5~<16.3	12.5~<16.3
Low temperature dynamic viscosity/(mPa.s)	not more than	6600(-30)	7000(-25)	7000(-20)
High temperature and high shear viscosity (150℃, 10 6 s -1) /(mPa.s)	not less than	3.5	3.5	3.5
Low temperature pumping viscosity, mPa.s	not more than	60000(-35)	60000(-30)	60000(-25)
Diesel Nozzle Shear Stability Kinematic viscosity at 100℃ after 90 cycles, mm 2 /s		Within this viscosity grade		
Flash point (open), ℃	No less than	200	205	215
Pour point, ℃	No higher than	-35	-30	-25
Sulfated ash (mass fraction) /%	not more than	1.0		
Alkalinity (in KOH) /mg/g	not less than	8.0		
Phosphorus content, % (mass fraction)	not more than	0.12		
Sulfur content, % (mass fraction)	not more than	0.4		
Evaporation loss, % (mass fraction)	not more than	18	15	15
Foaming properties (foam tendency / foam stability), mL/mL				
24 ℃	No more than	10/0		
93.5 ℃	No more than	20/0		
After 24 ℃	No more than	10/0		
Water (volume fraction), %	No more than	trace		
Mechanical impurities (mass fraction), %	No more than	0.01		

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