CI-4 Diesel Engine Oil

Performance Overview

CI-4 diesel engine oil is a high-performance lubricant. It is mainly composed of deeply refined mineral base oil, synthetic oil, and various additives such as anti-wear agents, antioxidants, and anti-foaming agents. It can provide better lubrication performance and temperature stability, and improve the overall performance of the oil. CI-4 diesel engine oil of various viscosity grades can be produced according to customer needs.

Features

01

The oil is able to effectively disperse soot particles produced by combustion, especially in engines using a diesel particulate filter (DPF).

02

Under high temperature operating conditions, it can resist oxidation, thereby extending oil life and reducing the formation of sludge and deposits.performance, meeting the oil requirements of a variety of engines.

03

Contains high performance anti-wear additives to protect the engine's piston rings, bearings and other moving parts under heavy load conditions.

04

It can also maintain good fluidity in low temperature environments, ensuring that the engine is fully lubricated when it starts.

05

With good shear stability, the viscosity of the oil will not decrease significantly even under long-term use and high temperature conditions.

Application Scenario

Heavy-duty engines, low-emission engines, city buses, heavy-duty diesel engines

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CI-4 diesel engine oil performance indicators

Project	Quality indicators		
Model	10W/40	15W/40	20W/50
Kinematic viscosity (100 ℃), mm2 / s	9.3~<12.5	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(-35)	60000(-25)	60000(-20)
Flash point (open), ℃ No less than	205	215	215
Pour point, ℃ No higher than	-30	-25	-20
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		
Evaporation loss, % (mass fraction) not more than	15		

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