

DIESEL CF

High Performance CF Class Diesel Engine Oil

DIESEL CF is a diesel engine oil equivalent to the CF classification of API service, which has excellent detergency and oxidation stability and is capable of withstanding harsh driving and usage conditions.

DIESEL CF is an oil that can maximize the performance of diesel engines in large buses and trucks without Diesel Particulate Filters (DPF) installed.

● Special Features

1. Superior Detergency

Because **DIESEL CF** is excellent in high-temperature detergency, it suppresses piston deposits and prevents piston ring sticking.

2. Excellent Oxidation Stability and Base Number Retention

When engine oil deteriorates, its viscosity may increase, causing corrosion of bearings and an increase in deposits around the piston. To address these issues, **DIESEL CF** has excellent oxidation stability and base number retention.

● Applications

- (1) Diesel engines for civil engineering and construction machinery
- (2) Heavy duty trucks and buses without DPF

● Containers

200-liter drums and 20-liter pail cans.

● Typical properties of DIESEL CF

SAE viscosity grade	10W	20W	30	40
Color (ASTM)	L2.0	L2.0	L2.5	L2.5
Density (15°C), g/cm ³	0.877	0.888	0.891	0.894
Kinematic viscosity (40 °C), mm ² /s	38.2	69.9	91.7	145
(100 °C), mm ² /s	6.24	9.03	10.9	14.6
Viscosity index	111	104	105	99
Flash point (COC), °C	236	250	240	264
Pour point, °C	-32.5	-30.0	-30.0	-15.0
Acid number, mgKOH/g	1.35	1.28	1.42	1.27
Base number (ASTM D664), mgKOH/g	8.39	8.16	8.62	8.23
Sulfated ash, mass%	1.4	1.4	1.4	1.4

Note: the typical properties are subject to change without notice. (November 2023)



Handling Precautions

▼ Follow these precautions when handling this product.

Composition :	Base Oil(s), Additives
Hazard pictograms:	
Signal word:	Warning
Hazard Statement:	Causes serious eye irritation
Precautionary Statements: Prevention	<ul style="list-style-type: none">• Do not handle until all safety precautions have been read and understood.• Wear protective gloves/protective clothing/eye protection/face protection.• Do not allow the eyes to become exposed to the product. Do not swallow the product.• Wash hands thoroughly after handling.• Do not eat, drink or smoke when using this product.
Response	<ul style="list-style-type: none">• IF SWALLOWED: Immediately call a POISON CENTER/doctor.• IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.• If the eyes are exposed to the product: Rinse the eyes with plenty of running water and immediately contact a physician.• IF ON SKIN: Wash with plenty of soap and water.• IF IN EYES: Rinse cautiously with water for several minutes.• Remove contact lenses, if present and easy to do. Continue rinsing.• If eye irritation persists: Get medical advice/attention.
Storage	<ul style="list-style-type: none">• The product must be stored in a cool, well-ventilated location where it will not be exposed to direct sunlight.• Containers that have been opened must be tightly sealed.
Disposal	<ul style="list-style-type: none">• Dispose of contents/container in accordance with local/regional/national/international regulations.• If there are any doubts about proper methods of handling the product, contact the point of purchase before proceeding with usage.