

Superlube 518™ Motor Oil

General Description

Superlube 518 is a time proven engine lubricant designed for diesel and gasoline engines operating under severe service conditions.

Superlube 518 has been proven to protect against sludge, varnish, engine wear, acid accumulation, TBN loss, and oil consumption. It contains:

- High viscosity index hydrocracked (clear) base oils
- Corrosion inhibitors
- Anti-wear agents
- Detergents/dispersants
- Anti-foam agents
- Anti-oxidants

Expect great performance in:

- Diesel and gasoline engines.
- Stationary engines, such as irrigation and standby generators.
- Off-highway agricultural and construction equipment.
- Small diesel engines in pickups, automobiles and commercial equipment.
- Two-stroke heavy duty diesel engines (in appropriate viscosity grades)

Features and Benefits

Oil Durability: Hydrocracked clear base oils afford extra oxidation control when compared to traditional mineral base oils. This translates to longer oil life at higher operating temperatures.

Oil Pumpability: Superlube 518 pumps better than industry requirements, improving oil circulation and reducing engine wear during cold start-ups.

Deposit Control: Multiple engine tests have demonstrated tremendous engine cleanliness in critical areas.

Oil Consumption Control: Reduced deposits and superior wear protection lead to good control over oil consumption, as has been documented in field performance and engine tests.

TBN Retention: Excellent Total Base Number (TBN) retention, which is a secondary indicator that the detergents and dispersants protecting your engine remain active throughout the drain interval.

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Typical Application

Superlube 518 is designed to meet or exceed the requirements of the API Service Categories as listed in the typical properties chart.

Typical Customer

Operators of:

- Heavy-duty agricultural diesel engines operating in severe conditions.
- Heavy-duty construction diesel engines operating in severe conditions.
- Diesel powered cars and light trucks.
- Stationary engines, such as irrigation and standby generators.

HEALTH & SAFETY:

A complete material safety data sheet is available upon request. Used motor oil contains combustion by-products which may be harmful. Avoid prolonged or repeated skin contact. Wash clothing and exposed areas with soap and water. Don't pollute - return used oil to a collection center.

Typical Properties

SAE Viscosity Grade	10W	20W	30	40	50
API Service	CF	CF	CF-2, CF/SL	CF-2, CF/SL	CF-2, CF/SL
Viscosity, cSt					
@ 40°C	45	66	100	147	226
@ 100°C	6.7	8.6	11.5	15.0	19.8
Viscosity Index	100	100	100	100	100
API Gravity	31.9	29.8	29.2	28.9	27.0
Pour Point, °F	-30	-25	0	10	25
MRV-TP1 Viscosity, P @ °C	140@ -30	100 @ -20	--	--	--
CCS, Viscosity P @ °C	55 @ -25	87 @ -15	--	--	--
Sulfated Ash, % wt.	0.9	0.9	0.9	0.9	0.9
TBN (D 2896)	10	10	10	10	10

The typical properties listed reflect the general characteristics of the product, and are not manufacturing specifications. Normal batch-to-batch variations should be expected.