

Superlube 518[®]



Straight Grade Diesel Engine Oil SAE 10W, 30, 40, 50

General Description

Superlube 518[®] is a proven engine lubricant designed for older diesel and gasoline engines calling for a lower ash straight grade oils.

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

- High viscosity index base oils
- Anti-wear agents
- Detergents/dispersants
- Anti-oxidants
- Rust and Corrosion inhibitors
- Anti-foam agents

Expect excellent performance in these applications:

- Older two and four stroke diesel engines calling for a 30 or 40 grade.
- Meets ash requirement for Detroit Diesel 149, 53, 71, and 92 series 2-stroke engines.
- Stationary engines, such as irrigation and standby generators.
- Off-highway agricultural and construction equipment.

Features and Benefits

- **Oil Durability:** High quality paraffinic base oils afford good oxidation control. This translates to longer oil life at higher operating temperatures.
- **Wear Protection:** Protects critical parts from premature wear.
- **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.
- **TBN Retention:** Excellent Total Base Number (TBN) retention, which indicates that the detergents and dispersants protecting your engine remain active throughout the drain interval.

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Hydraulic and Transmission Applications:

Hydraulic systems calling for 10W engine oil and a minimum zinc level of 900 ppm.
Allison C-4, C-3 (10W)
Manual transmissions such as ArvinMeritor, DanaSpicer, EatonFuller calling for a 30 or 50 grade mineral oil.

Typical Customer

Operators of:

- Older agricultural and construction diesel and gasoline engines
- Some hydraulics and transmission applications
- Stationary engines, such as irrigation and stand-by generators.

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 Properties

SAE Viscosity Grade	10W	30	40	50
API Service	CF	CF/CF-2, SE	CF/CF2, SE	CF/CF-2, SE
API Gravity / lbs/gal	31.0 / 7.25	29.3 / 7.33	28.8 / 7.35	28.0/7.39
Viscosity, cSt				
@ 40°C	46	90.4	130.0	203.3
@ 100°C	7.4	11.5	14.5	19.1
Viscosity Index	124	116	112	108
Flash C°/F°	207 / 405	242 / 468	250 / 482	254 / 489
Pour Point, C° / F°	-42 / -44	-36 / -33	-33 / -27	-30 / -22
Zinc, wt%	0.11	0.11	0.11	0.11
Sulfated Ash, % wt.	0.8	0.8	0.8	0.8
TBN (D 2896)	8	8	8	8

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

Health & Safety

A complete safety data sheet is available by calling 1-651-355-8438 or visit www.cenex.com.