



## MINNOCO Premium Synthetic Blend 10W-30 Heavy Duty Engine Oil

Product #966

API CJ-4/SN/CI-4 Plus



Available in 5 Gal, 55 Gal, Bulk

Size	Product Code
5 Gal	966-05
55 Gal	966-55
Bulk	966-Bulk

MINNOCO Premium Synthetic Blend 10W-30 Heavy Duty Engine Oil is the premium choice oil for maintaining and prolonging the life of your on- or off-highway diesel engine. It is specially formulated to meet or exceed the warranty and service requirements of virtually all diesel and gasoline engine manufacturers. It is suitable for use in both old, and new low-emissions diesel engines, and those using Exhaust Gas Recirculation (EGR) systems and Diesel Particulate Filters.

MINNOCO Premium Synthetic Blend 10W-30 Heavy Duty Engine Oil was developed with advanced additive technology and quality Group II & Group III base stocks. The synthetic blend formula controls soot, deposits and corrosion, to reduce and prevent wear of critical engine parts.

MINNOCO Premium Synthetic Blend 10W-30 Heavy Duty Engine Oil is suitable for use in diesel powered or a mix of gasoline and diesel powered equipment.

*MINNOCO Premium Synthetic Blend 10W-30 Heavy Duty Engine Oil is licensed to meet or exceed API CJ-4/SN, Caterpillar ECF-3, Mack EO-O Premium Plus, Cummins CES 20081, Detroit Fluids Specification 93K218, and Volvo VDS-4.*

### Features & Benefits

- Superior deposit protection
- Protects against wear, bearing corrosion, and rust
- Next generation soot control
- Protects against sludge and varnish formation
- Increased thermal stability at high temperatures, quicker flow at low temperatures

Please see page 2 for Applications and Typical Properties.

#### Waterford Oil Co., Inc.

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## APPLICATIONS

MINNOCO Premium Synthetic Blend 10W-30 Heavy Duty Engine Oil may be recommended in the following applications listed below. Follow equipment manufacturer recommendations for specific applications.

MINNOCO Premium Synthetic Blend 10W-30 Heavy Duty Engine Oil meets or exceeds the current and previous API service classifications: CJ-4, CI-4 PLUS, CI-4, CH-4, CG-4, CF-4, CF, CF-2 and API SN, SM, SL, SJ, SH, SG, SF.

- All Heavy Duty Diesel Engines and EGR Designed Engines
- Mack EO-O Premium Plus
- Volvo VDS-4
- ACEA E9-08
- Cummins CES 20081
- Renault VI RLD-3
- Caterpillar (ECF-3)

## MINNOCO PREMIUM SYNTHETIC BLEND 10W-30 HEAVY DUTY ENGINE OIL TYPICAL PROPERTIES

API Gravity	30.6
Viscosity @ 40°C, cSt	70
Viscosity @ 100°C, cSt	11.1
Viscosity Index	148
Pour Point: °C	-40
Flash Point: °C	226
Borderline Pumping, °C	-25
Sulfated Ash wt%	1
Total Base Number	8
API Licensed Service:	CJ-4, CI-4 Plus, CI-4, CH-4, CF-4, CF, CF-2, CE, CD-II/SN

Typical properties are average values only and do not constitute a specification.

For recommendations on safe handling and use of this product please see the Safety Data Sheet listed on the web at [www.minnoco.com](http://www.minnoco.com). Please contact your Minnoco sales representative or visit us on the web at [www.minnoco.com](http://www.minnoco.com) for additional product information.

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