



## MINNOCO Full Synthetic 5W-40 Heavy Duty Engine Oil

Product #975

API CJ-4/SN



Available in 5 Gal, 55 Gal, Bulk

Size	Product Code
5 Gal	975-05
55 Gal	975-55
Bulk	975-Bulk

MINNOCO Full Synthetic 5W-40 Heavy Duty Engine Oil is an advanced heavy duty engine oil for on- or off-highway engines operating under severe driving and temperature conditions. MINNOCO Full Synthetic 5W-40 Heavy Duty Engine Oil is formulated with premium synthetic base oils and a high performance additive package for prolonging the life of your heavy duty engine. The synthetic oil flows easily at cold temperature start-ups, preventing wear to critical parts, while the low friction additives help improve overall fuel economy.

MINNOCO Full Synthetic 5W-40 Heavy Duty Engine Oil provides benefits over conventional oils such as improved engine cleanliness, high temperature deposit control, decreased oil consumption and better fuel economy. The synthetic formula provides improved oxidation resistance, thermal and shear stability at high temperatures, high-VI and excellent low temperature fluidity. MINNOCO Full Synthetic 5W-40 Heavy Duty Engine Oil provides excellent protection against wear, sludge, varnish and corrosion.

*MINNOCO Full Synthetic 5W-40 Heavy Duty Engine Oil is licensed to meet or exceed the requirements of API CJ-4/SN, Detroit Diesel®, Cummins®, Mack®, Caterpillar®, Volvo® and is suitable for use in most naturally aspirated or turbocharged diesel engines as well as exhaust gas re-circulated engines used in truck or off-highway equipment.*

### Features & Benefits

- Improved fuel economy over conventional oils
- Severe driving protection against wear, bearing corrosion, and rust
- Decreased oil consumption
- Increased thermal stability at high temperatures, quicker flow at low temperatures
- Superior deposit protection
- Protects against sludge and varnish formation

Please see page 2 for Applications and Typical Properties.

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### APPLICATIONS

MINNOCO Full Synthetic 5W-40 Heavy Duty Engine Oil may be recommended in the following applications listed below. Follow equipment manufacturer recommendations for specific applications.

MINNOCO Full Synthetic 5W-40 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.

- Mack EO-O Premium Plus - 07
- Volvo VDS-4
- Cummins CES 20081
- Detroit Fluids Specification DDC 93K218
- CAT ECF-1-a, ECF-2, ECF-3
- Renault Truck RLD-3 0710

### MINNOCO FULL SYNTHETIC 5W-40 HEAVY DUTY ENGINE OIL TYPICAL PROPERTIES

SAE GRADE	5W-40
Viscosity @ 40°C, cSt	96.0
Viscosity @ 100°C, cSt	14.7
Viscosity Index	160
Cold Cranking at temp °C, cP, D-5293	6240 at -30°C

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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