



15W-40 HEAVY DUTY DIESEL MOTOR OIL

THE ULTIMATE IN DIESEL ENGINE PROTECTION & PERFORMANCE

ProOne's 15W40 Heavy Duty Diesel motor oil is a blend of a high performance base oil and **XPL+ Technology** that dramatically lowers friction and protects against wear.

This combination provides the best lubrication protection & performance in low-emission, high mileage, and modern heavy-duty diesel engines.

It's robust anti-oxidant additive pack provides excellent thermal and oxidative stability that helps maintain high TBN's which extends oil life and service intervals.



DOES NOT CONTAINS SOLIDS OR HARMFUL SOLVENTS LIKE CHLORINE

ADVANTAGES:

- Extreme pressure protection
- Start-up protection
- Maximum engine protection
- Extreme temperature range +500°F
- High TBN additive pack
- Viscosity control
- Reduces sludge build-up
- Deposit control & acid neutralization
- Gasket & seal conditioner
- Oxidation resistant
- Reduces breakdowns
- Reduces downtime



BASE OIL MEETS FOLLOWING SPECIFICATIONS

- API Service Categories CJ-4, CI-4 PLUS, CI-4, CH-4, CK-4, SM, SN, SL
- ACEA European Service Categories E9, E7
- Caterpillar ECF-2, ECF-3
- Cummins CES 20081
- Detroit Diesel DDC Power Guard 93K218
- DEUTZ DQC III-10 LA
- Ford WSS-M2C171-E
- JASO DH-2
- Mack EO-O Premium Plus
- MAN M 3575
- MB-Approval 228.31
- MTU Category 2.1
- Renault VI RLD-3
- Volvo VDS-4
- ZF TE-ML 04C (Approval number ZF001847)
- ZF TE-ML 23B (Approval number ZF001847)

Base Oil Typical Properties (SAE Grade)	15W-40
cSt @ 40°C (104°F)	112.7
cSt @ 100°C (212°F)	15.52
Viscosity Index (ASTM D-2270)	147
Flash Point, °C (ASTM D-92)	200°C (390°F)
Pour Point °C (ASTM D-2270)	-23°C (-10°F)
Sulfanated Ash wt% ASTM D-874	1
Total Base #	9.3
Phosphorus, mass%	0.12
Sulfur, mass%	0.32
Zinc, mass%	0.13

ProOne#	Size	Case Pack
14005	5 gallon/18.9L Pail	1
14055	55 gallon/208L Drum	1
14275	275 gallon/1041L Tote	1