



PRODUCT DATA SHEET

Premium Quality Lubricants

FLEETPRO™ ULTRA MOTOR OILS ALL SEASON HIGH PERFORMANCE DIESEL ENGINE OIL

PRODUCT DESCRIPTION

FLEET PRO™ ULTRA heavy duty diesel engine oils are designed for high-speed, four stroke engines designed to meet 2007 model year on-highway exhaust emission standards. CJ-4 oils are compounded for use in all applications with diesel fuels ranging in sulfur content up to 500 ppm (0.05% by weight). However, use of these oils with greater than 15 ppm (0.0015%) sulfur fuel may impact exhaust after-treatment system durability and/or drain interval. They are effective at sustaining emission control system durability where particulate filters and other advanced after-treatment systems are used. Optimum protection is provided for control of catalyst poisoning, particulate filter blocking, foaming, oxidative thickening and viscosity loss due to shear. When using CJ-4 oils with higher than 15 ppm sulfur fuel, consult the engine manufacturer for service interval.

INDUSTRY AND OEM SPECIFICATIONS

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|------------------------------------|------------------------------|-------------------------|
| * API CJ-4/CI-4 Plus/CI-4 and CH-4 | * CAT ECF-3/1 | * JASO DH-2 |
| * API SM and SL | * Detroit Diesel 93K218 | * Renault RLD-3 |
| * ACEA E7-04 | * Mercedes-Benz p228.3 | * MIL-PRF-2104H QUALITY |
| * Mack EO-O Premium Plus 07/03/PP | * Man 3275 | |
| * Cummins CES 20081 | * Allison C4 (demonstration) | |
| * Volvo VDS 4/3 and 2 | * Global DHD-1 | |

APPLICATIONS

FLEETPRO™ ULTRA motor oils are recommended for heavy duty diesel and mixed fleets in all types of over the road service. These oils are excellent choice for use in diesel powered equipment provided by Caterpillar, Cummins, John Deere, Detroit Diesel, Mack, Mercedes-Benz, International and Volvo engine in all types of service.

TYPICAL PROPERTIES

SAE GRADE	TEST	15W40	10W-30
Viscosity @100°C	D445	15.6	10.5
Viscosity Index	D2770	132	153
CCS Viscosity	D5293		
@-25°C (cP max.)		NA	6600
@-20°C (cP max.)		7000	NA
Pour Point °C	D97	-30	-39
TBN	D2896	10	10
Sulfated Ash mass%	D874	0.99	0.99
HTHS @150C, cP	D4683	4.2	3.5

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