



LUBRICANTS™

POWER TO PERFORM™

HP MILCY FUTUR-X 15W-40

SUPER PREMIUM QUALITY DIESEL ENGINE OIL

DESCRIPTION

HP MILCY FUTUR-X 15W-40 is a super-premium quality diesel engine oil formulated with high-quality paraffinic base stocks and state-of-the-art additive technology. It is specifically designed for modern low-emission diesel engines equipped with After-Treatment Devices such as Diesel Particulate Filter (DPF), Exhaust Gas Recirculation (EGR), Cooled EGR, and Selective Catalytic Reduction (SCR).

HP MILCY FUTUR-X 15W-40 is formulated on a low-SAPS platform to provide enhanced protection against oil oxidation, viscosity loss due to shear, oil aeration, catalyst poisoning, particulate filter blocking, engine wear, piston deposits, degradation of low- and high-temperature properties, and soot-related viscosity increase. Its excellent high-temperature oxidation stability helps extend oil drain intervals. The product's exceptional soot dispersancy controls oil thickening and filter clogging, while its advanced detergency ensures superior piston cleanliness.

APPLICATIONS

HP MILCY FUTUR-X 15W-40 is recommended for new-generation BS-VI diesel engines in heavy commercial vehicles, multi-utility vehicles, and small diesel cars equipped with DPF, EGR/Cooled EGR, or SCR after-treatment systems.

It also delivers significant benefits in engine protection and oil life in regular BS-II/BS-III/BS-IV compliant engines requiring oils meeting API CF-4/CH-4/CI-4/CI-4 Plus performance levels. Additionally, the product is suitable for PHEV and HEV-type electric commercial vehicles

FEATURES AND BENEFITS

- Superior high temperature oxidation stability
- Extended drain periods
- Trouble free DPF and longer DPF life
- Exceptional soot dispersancy to control oil thickening due to high soot loading
- Exemplary control on piston deposits
- Unmatched wear control & protection to engine components

SPECIFICATION MEETS

- API CK4 / ACEA E9
- Caterpillar ECF-3
- MB-Approval 228.31

- Volvo VDS-4.5
- MTU Type 2.1
- Cummins CES 20086
- Detroit Diesel DFS93K222
- Renault Truck RLD-4
- Mack EO-O-4.5

PHYSIO-CHEMICAL PROPERTIES (TYPICAL)

| HP MILCY FUTUR-X | 15W-40 |
|-------------------------|---------------|
| KV @ 100 °C, Cst | 14.5 |
| Viscosity Index | 130 |
| Flash Point °C | 240 |
| Pour Point °C | -39 |
| TBN, mg KOH/gm | 8.5 |