



**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