



# LUBRICANTS™

**POWER TO PERFORM™**

## HP MILCY TURBO GEN6

Super Premium Quality Diesel Engine Oil

### DESCRIPTION

HP MILCY TURBO GEN6 grades are super premium quality diesel engine oil made from the finest paraffinic base stocks and state of art additive technology, specifically for the modern low emission diesel engines, employing After Treatment Devices like DPF (Diesel Particulate Filter), Exhaust Gas Recirculation (EGR), Cooled EGR and Selective Catalytic Reduction (SCR).

HP MILCY TURBO GEN6 grades are designed on a low SAPS platform to enhance protection against oil oxidation, viscosity loss due to shear and oil aeration, as well as catalyst poisoning, particulate filter blocking, engine wear, piston deposits, degradation of low- and high-temperature properties and soot-related viscosity increase. The high temperature oxidation stability will help in extending drain interval of the oil. While, its exceptional soot dispersancy provides optimum control on oil thickening & filter clogging; the advanced detergency in the product exhibits exemplary control on piston deposit. HP MILCY TURBO GEN6 grades are available in 15W-40 and 10W-30 Viscometrics.

### APPLICATIONS

HP MILCY TURBO GEN6 grades are recommended for new generation BS VI diesel engines of heavy commercial, multi utility as well as small cars employing DPF, Exhaust Gas Recirculation (EGR)/Cooled EGR/SCR type After Treatment Devices. The product also yields tangible benefits on longer engine oil life, better engine health in regular BS II/BS III/BS IV compliant engines requiring engine oil meeting API CF-4/CH-4/CI-4/CI-4 Plus performance level. Also recommended for PHEV & HEV type Electric Commercial Vehicles.

### FEATURES & 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

### MEETS REQUIREMENTS OF

- API CK4 / ACEA E9
- Caterpillar ECF-3
- MB-Approval 228.31
- Volvo VDS-4.5
- MTU Type 2.1
- Cummins CES 20086
- Mack EO-0-4.5
- Detroit Diesel DFS93K222
- Renault Truck RLD-4



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## PHYSICO-CHEMICAL PROPERTIES (TYPICAL VALUES)

HP MILCY TURBO GEN6	15W-40	10W-30
Kinematic Viscosity @ 100°C, cSt	14.6	11.5
Viscosity Index	130	140
TBN, mg KOH/gm	8.5	8.5
Flash Point, COC, °C	244	220
Pour Point, °C	-39	-42