



# LUBRICANTS

**POWER TO PERFORM**

## HP MILCY NO.1 PLUS

Super Premium Quality Diesel Engine Oil

### DESCRIPTION

HP MILCY NO.1 PLUS grade is the super-premium quality diesel engine oil made from the finest paraffin base stocks and state of art additive technology, specifically designed to address the operational severity and engine durability issues of the modern emission complaint diesel engines, employing Exhaust Gas Recirculation (EGR) & Cooled EGR.

HP MILCY NO.1 PLUS provides optimum protection for control of soot handling in cooled EGR, corrosive wear tendencies, piston deposit control, valve train wear, oxidative thickening, foaming and viscosity loss due to shear.

### APPLICATIONS

HP MILCY NO.1 PLUS grade is recommended for new generation BS IV Diesel Engines of Heavy Commercial, Multi Utility as well as Small Cars requiring highest quality Engine Oils, where Exhaust Gas Recirculation (EGR) /Cooled EGR/SCR type exhaust emission components are used. The product also yields tangible benefits on better engine health, long engine oil Life in regular BS II/BS III type Turbo-charged engine not employing an EGR.

### FEATURES & BENEFITS

- Exceptional soot dispersancy to control oil thickening due to high soot loading
- Unmatched wear control & protection to engine components against acidic corrosion, leading to better engine protection
- Low oil consumption
- High shear stability
- Longer drain periods
- Lower maintenance cost

### MEETS OR EXCEEDS REQUIREMENTS OF

- API CI-4 Plus/CI-4/CH-4, API SL/SJ
- ACEA E7-04, E2-96
- CAT ECF-1A, CAT ECF-2
- Cummins 20071, 20072, 20076, 20077, 20078
- MB 228.3
- MTU Type 2
- Global DHD -1
- Volvo VDS-3
- Mack EO-N PP03
- MAN 3275



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## PHYSICO-CHEMICAL PROPERTIES

Kinematic Viscosity @ 100°C, cSt	14.3 – 15.3
Viscosity Index, Min	120
TBN, mg KOH/gm	9
Flash Point, COC, °C, Min	210
Pour Point, °C, Max	-21