

TurboSynth DPF 10W-40

General Description :

TurboSynth DPF 10W-40 is synthetic extra high performance diesel engine oil, engineered to provide lubrication to modern, high performance, low emissions engines used in severe on-highway applications. This engine oil is designed using the highest performance base oils which provide excellent low temperature fluidity, high temperature viscosity retention, volatility control and fuel economy improvement. The new advanced additive system has been expertly engineered to help prolong the life and maintain the efficiency of emission reduction systems as DPF (Diesel Particulate Filter). This system (DPF) is used by some truck builders to fulfill emission requirements of Euro IV and future Euro V.

Specifications :

ACEA E4/E6/E7, API CI-4 ,MB 228.5 ,MB 228.51 (OEM approved) MAN 3477 (OEM approved) MTU CATEGORY 3.1 ,VOLVO VDS 3 (OEM approved) SCANIA LA (OEM approved),Mack EO-N (OEM approved),Renault VI RLD-2.

Benefits :

High output, low emission engines significantly increased demands on engine lubricants. Tighter engine design reduces oil consumption, resulting in less fresh oil makeup to replenish depleted additives. Thermal stresses on the lubricant are increased with the use of inter-coolers and turbochargers. Higher fuel injection pressure and retarded timing improve burn efficiency, but also increase engine temperatures, volatility, and soot loading of the oil. The advanced technology in TurboSynth DPF 10W-40 delivers exceptional performance and protection of exhaust systems fitted with DPF (Diesel Particulate Filter). The key benefits include: Features Advantages and Potential Benefits Outstanding protection against oil thickening, high temperature deposits, sludge build-up, bore polishing, oil degradation and corrosion, Reduced wear and long engine life ,Outstanding control of high temperature deposits ,Excellent anti-wear and anti-scurf properties.Excellent protection against ring sticking ,Stay-in-grade shear stability ,Very low volatility ,Reduces viscosity breakdown and oil consumption under heavy duty, high temperature operating conditions, Low ash level Enhanced protection of exhaust systems fitted with DPF ,Excellent low temperature properties Improved pumpability and oil circulation Start-up wear protection

Properties :

| | Turbosynth DPF 10W-40 |
|----------------------------------|------------------------------|
| Viscosity Index (VI) | 151 |
| Specific Gravity at 15°C g/cc | 0.863 |
| Kinematic Viscosity @ 40°C, cSt | 85.4 |
| Kinematic Viscosity @ 100°C, cSt | 12.9 |
| Flash Pt., °C | 237 |
| Pour Pt., °C | -36 |
| TBN, mg KOH per g | 12 MIN. |