

Fleet Oil for Engines Fitted with Emission Control Systems

Product Information

PM421 Enviro-Synthetic Engine Oil 10W40 is a premium high-performance synthetic engine oil that has been developed for the latest generation 4-stroke high-speed diesel engines that involve emission control systems, cooled EGR that use diesel fuel up to 500ppm sulphur, while also compatible with exhaust after-treatment systems such as DPF, DOC and or SCR where diesel sulphur is up to 15ppm. PM Lubrication's Xtra Protection Reserve has been engineered into the lubricant required for the latest generation power plants. The use of premium-quality additives, including the latest detergents and dispersants, combined with heat- and shear-stable viscosity improvers, promotes optimal drain intervals. PM421 Enviro-Synthetic Engine Oil 10W40 has low SAPS (Sulphated Ash, Phosphorus, and Sulphur) and therefore meets the latest emission control requirements for this specification.

PM421 Enviro-Synthetic Engine Oil 10W40 provides outstanding protection for the next generation of naturally aspirated and turbocharged, common-rail and direct-injection engines found in road transport, coaches, 4WD, earthmoving, and industrial applications. From startup to operating temperature, oil flow is maintained across all critical areas to ensure unsurpassed performance and a longer service life. The lower tolerances found in today's engines are commensurate with the oil viscosities that see the demands placed on the lubricant increase accordingly, especially in maintaining film thickness and strength. This engine oil meets the low emission Euro IV and Euro V specifications for heavy-duty diesel and for off-road vehicles that require this performance level and standard.

PM421 Enviro-Synthetic Engine Oil 10W40 is recommended for use in many European truck manufacturers' vehicles, as well as in large direct-injection Japanese-designed-and-built engines such as Hino, Isuzu, Mitsubishi, and UD, and in American engines that require the specifications listed below. The addition of depth media filtration ensures peace of mind in today's demanding world.

Typical Properties

SAE Grade J 300	10W40
Kinematic Viscosity	
Viscosity @ 40 °C	95.4 cSt
Viscosity @ 100 °C	14.4 cSt
TBN	9.8
Pour Point °C	-39
Flash Point °C	220
Colour	Red
Viscosity Index	145
Ash, Sulphated	0.97%
Density @ 15° C kg/L	0.877

Benefits

- Reduces Friction
- Exceptional Cleanliness
- Lower Wear Rates
- Lower Emissions
- Fuel Conservation
- Resists Viscosity Thickening
- Exceptional Thermal Stability

Meets and or Exceeds Service Classifications

- API: CI-4
- ACEA: E4, E6, E7
- CAT ECF2/3
- Deutz DQC III-10
- LA/III-18 LA
- DAF: Exended Drain
- Mack EO-M Plus
- Man M3477, 3277 CRT
- MTU Type 3.1
- Mercedes Benz 228.5, 228.51
- Renault RXD
- Volvo VDS-3

PM421 Enviro-Synthetic Engine Oil 10W40 For Emission Controlled Systems

Why PM Lubrication?

- ❖ Premium Quality
- ❖ XPR Protection Reserve
- ❖ Cost Effective Lubrication
- ❖ On-Site Monitoring will maximise equipment life
- ❖ Knife Edge Filtration
- ❖ Our Predictive & Preventative Maintenance Programme is **GUARANTEED** to save 15% of your Total Operating Costs

Available in 200L 20L, 5L, 4 x 5L Containers

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PM Lubrication
4/105 Archibald St, Paget
Queensland 4740 Australia
Tel: 07 4998 5851 Mob: 0419 771 825
www.pmlubrication.com.au hello@pmlubrication.com.au

