

FLEET OIL FOR ENGINES FITTED WITH EMISSION CONTROL SYSTEMS

Product Information

EnviroSynthetic 10W40 is a premium high-performance full 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. High technology additives, including the latest detergents and dispersants combined with heat and shear-stable viscosity improvers, are utilized, permitting optimal drain intervals. PM 421 involves low SAPS (Sulphated Ash Phosphorus and Sulphur) and so meets the latest emission control requirements for this specification.

EnviroSynthetic 10W40, using the latest in lubrication technology, provides outstanding protection for the new generation, 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 in all the critical areas to ensure unsurpassed performance and 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, but also for off-road vehicles that require this performance level and standard.

PM421 EnviroSynthetic is recommended for use in many European truck manufacturers' vehicles, as well as large direct injection Japanese-designed and built engines such as Hino, Isuzu, Mitsubishi and UD, and American engines that require the specifications listed below. The addition of depth media filtration adds protection to ensure 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	0.87

Benefits:

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

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

Issued on 3/10/2025

Exceeds Service Classifications:

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

PM421 ENVIRO SYNTHETIC 10W40

For emission-controlled systems

Why PM Lubrication?

- ★ Premium Quality
- ★ XPR (Xtra Protection Reserve)
- ★ Cost-Effective Lubrication
- ★ On-Site Monitoring will maximise equipment life
- ★ Knife Edge Filtration

