

Premium Performance and Protection – A Mixed Fleet Engine Oil

Product Information

PM414 Diesel Essence 15W40 is an advanced medium ash SHPD engine oil that meets and exceeds international specifications, with unmatched performance standards including a long service life in high-speed 4-stroke naturally aspirated, and turbocharged diesel and petrol engines in 4,6 & 8 cylinders, multi-cam, multi-valve, common rail and direct injector formats that use a broad range of fuels, including gas. PM414 Diesel Essence 15W40 and its unique formulation, with PM Lubrication's friction reduction technology, produce outstanding performance levels in diesel engines fitted with exhaust gas recirculation (EGR) systems and are equipped with the necessary cleaning agents, antioxidants and, with its higher alkalinity reserve, can combat the challenges imposed by the by-products of combustion that can form deposits and incite oil thickening. The PM XPR, with its heat and shear-stable viscosity index improvers, higher load, anti-wear package, and lower coefficient of friction, enables the lubricant to counter Australia's harsh conditions. The inbuilt XPR provides greater protection against soot-induced thickening, valve train wear, ring and liner wear, oxidation thickening, and piston deposits.

Diesel Essence is suitable for petrol engines in passenger cars, as well as light-load diesel applications, including 4WDs, road transport (such as buses), agricultural pursuits, mining, trucking, and earthmoving.

Diesel Essence is NOT suitable for engines fitted with DPF

PM Lubrication is highly interested in extending machinery life and improving return on investment and so encourages the use of micro-depth media filtration. Premium-quality lubricants with appropriate filtration will significantly extend the lubricant's service life and the service life of the components.

Typical Properties

| | |
|----------------------------|---------|
| SAE Viscosity | 15W40 |
| Kinematic Viscosity | |
| Viscosity @ 40 °C | 112 cSt |
| Viscosity @ 100 °C | 15 cSt |
| TBN | 11 |
| Pour Point °C | -39 |
| Flash Point °C | 230 |
| Colour | Red |
| Viscosity Index | 139 |
| Ash, Sulphated | 1.3% |
| Density @ 15° C kg/L | 0.888 |

Meets and or Exceeds Service Classifications

- API: CI-4/SL
- ACEA: A3/B4, E5, E7
- Allison C4
- CCMC-D4/PD2/G-4
- Cummins CES 20071/72/76/77/78
- Caterpillar ECF-1a, ECF-2
- Detroit Diesel 93K215
- DTC/MTU Type 2
- Detroit Diesel 93K215
- Global DHD-1
- JASO DH-1
- Mack EO-N, EO-M PLUS
- MAN 270,271, M3275
- Renault Truck RVI, RLD-2
- Volvo VDS3
- VW 505
- ZF TE-ML 07C

PM414 Diesel Essence

The Heart of Your Engine

Benefits

- Reduces Friction
- Exceptional Cleanliness
- Lower Wear Rates
- Extended Drain Capacity
- Prolonged Service Life
- Resists Viscosity Thickening

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 1000L, 200L 20L and 5L and 4 x 5L
Containers

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