

Semi-Synthetic Engine Oil Advanced Protection and Performance

Product Information

PM418 Headstart 50 is a semi-synthetic engine oil and has been developed to provide robust protection and performance for a range of engines operating in normal to severe conditions. Operators enjoy the benefits of PM Lubrications Xtra Protection Reserve with high technology additives including active dispersants and detergents along with heat and shear stable viscosity index modifiers that play critical roles to achieve optimum protection.

PM Headstart 50 meets and exceeds the API classification SN/CF, and is active in producing clean componentry especially in the varied conditions the formulation is developed for. From cooler temperature stop/start urban operation to sustained high-temperature high-speed conditions - a reduced oxidation rate, plus increased protection from piston deposits, especially compared to previous classifications can be enjoyed.

Application: Headstart 50 is recommended for use in all types of four-stroke 4, 6 and 8 cylinder naturally aspirated and turbo-charged, including direct injection engines where the following specifications are called for: API SN/CF ACEA A3/B3, A3/B4. Headstart is a full SAPS formulation. It is NOT suitable for vehicles fitted with DPF's. **Vehicle/Fuel Types:** Headstart 15W50 is suitable for petrol and diesel engines in passenger cars and light load commercials including 4WD without DPF. Fuel Types: Diesel, petrol, LPG.

PM Headstart 50 will provide confidence with the protection one needs in the harsh conditions that can be experienced.

Benefits: **Reduced friction with lower wear rates while maintaining efficiency. **Protection in all driving conditions and temperatures. ** Maintains engine cleanliness.

PM Lubrication actively promotes depth media filtration for use with its lubricants so as to ensure longer component and lubricant life. Adopting these measures will significantly increase the life of the equipment.

Typical Properties:

SAE Viscosity	15W50
Kinematic Viscosity	
Viscosity @ 40°C	133 cSt
Viscosity @ 100°C	18.6 cSt
TBN	11.8
Colour	Clear
Viscosity Index	158
Ash, Sulphated	1.1%
Density @ 15°C kg/L	0.884

Exceeds Service Classifications:

- API SN/CF
- ACEA A3/B3, A3/B4
- Mercedes Benz 229.1, 229.3
- PSA B71-2300
- Renault 0700/0710
- VW 501.01, 502.00, 505.00

**PM418 Headstart 50 for
4 Stroke Diesel & Petrol Engines
DO MORE WITH LESS**

Benefits:

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

Why PM Lubrication?

Preventative Maintenance Lubrication.

Guaranteed Cost Effective Lubrication with the adoption of premium quality lubricants and depth media filtration significantly extends the life of the lubricant and componentry.

Available in 205L, 20L, 5L Containers



AUSTRALIAN OWNED

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