

High Temperature Stability with Low Temperature Performance

PM450 Mono 50 is an SAE 50 grade engine oil, formulated from high-quality mineral base stock. Combine the mineral base with effective, robust additives, protection against valve train and liner wear, foaming, corrosion, enhanced lower oxidation rates, all of which lend themselves to new performance levels that become common in a wide cross-section of late model high-speed diesel engines through to older engine types, which include petrol applications. The low-ash detergent engine oil formulation maintains engine cleanliness. **PM450 Mono 50** performs with distinction in Detroit Diesel two strokes, but can also be put to work where other manufacturers specify an SAE 50 monograde oil in both diesel and petrol designs. The monograde aspect of this product results in outstanding performance and increased life, where higher ambient temperatures are prone to result in oil thinning and unwanted consumption with ordinary oils because of the adverse conditions. These traits, common in these situations, are inhibited through their inherent shear resistance. High temperature stability is a feature of this formulation.

PM450 Mono 50 is well suited to high-speed diesel, both naturally aspirated and turbo-charged European, Japanese and American manufactured diesel engines operating under severe on and off highway conditions, such as road transport, marine, mining, agricultural, earthmoving, stationary and construction equipment and 4-stroke petrol engines and those transmissions where a monograde SAE 50 is called for.

PM450 Mono 50 is also suitable for older design diesel engines that show signs of wear and oil consumption and performs admirably in such makes as: Lister Petter, Gardner-Denver, Honda, Hino, Leyland, Detroit Diesel, Iseki, Kawasaki, Kohler, International, Fiat, Allis Chalmers, Ford, Kubota, Isuzu, Komatsu, Ruston, John Deere, Onan, Delta and Yanmar and other makes.

PM Lubrication's Mono 50 formulation minimises friction and wear while optimising power output. Sustains oil pressure. **PM Lubrication endorses the use of depth media filtration and thus extends the life of both the lubricant and the componentry being serviced.**

Typical Properties:

SAE Viscosity	50
Kinematic Viscosity	
Viscosity @ 40°C	211.7 cSt
Viscosity @ 100°C	20.2 cSt
Viscosity Index	111
Ash, Sulphated Wt %	0.80
Density @ 15°C kg/L	0.894

Benefits:

- Reduces Friction
- Exceptional Cleanliness
- Lower Wear Rates
- Lower Emissions
- Reduces Oil Consumption
- Resists Viscosity Thickening
- Restores Integrity and Performance

Exceeds Service Classifications:

- API CF SG ACEA: E2
- Allison C3,
- Caterpillar TO-2
- Ford M2C-121E3
- GM 6094M, 6048M
- MACK EO-K2,
- MB 228.0
- Volvo B-20

PM450 MONO 50 HIGH SPEED DIESEL AND PETROL

Why PM Lubrication?

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

Available in 1000L, 200L, 20L, 5L, 4 x 5L Containers

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