

High Temperature Stability with Low Temperature Performance

PM454 Mono Guard 50 is a high SAPS SAE 50 grade engine oil, formulated from high-quality semi-synthetic base stock. Combine the base with effective robust additives, protection against valve train and liner wear, foaming, corrosion, enhanced lower oxidation rates, all 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 anti-wear focused engine oil formulation maintains engine cleanliness & reduces wear metal counts. **PM454 Mono Guard 50** can be put to work where 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 its inherent shear resistance. High temperature stability is a feature with this formulation. PM454 is also suitable for manual transmissions requiring a GL-3 API CC/CD oils. **PM454 Mono Guard 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. **PM454 50 is NOT suitable for emission-controlled engines.**

PM454 Mono Guard 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 Guard 50** formulation minimizes friction and wear while optimizing 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	173.3 cSt
Viscosity @ 100°C	19.38 cSt
Viscosity Index	128
Colour	Bright & Red
Density @ 15°C kg/L	0.876

Exceeds Service Classifications:

- API CI-4/SL
- CATERPILLAR TO-2
- FORD M2C-121E3
- MACK EO-K2,
- MB 228.0
- VOLVO B-20
- MITSUBISHI
- FULLER-ROAD RANGER
- SPICER

Benefits:

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

**PM454 MONO Guard 50 High-Speed Diesel
Petrol. High SAPS. Not for DPF.**

Why PM Lubrication?

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

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Available in 205L, 20L, 5L Containers



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