



Lyden Oil Company

ProGuard Product Data

ProGuard Synthetic Passenger Car Motor Oils Product Data Sheet

ProGuard Synthetic Passenger Car Motor Oils (PCMO) are premium quality engine oils that are formulated with full-synthetic base oils to provide outstanding engine protection for passenger cars, light trucks, sport utility vehicles and turbocharged engines operating under normal to severe/extreme temperature conditions. **ProGuard Synthetic Passenger Car Motor Oils** are designed to meet and exceed the latest OEM specifications while providing optimum fuel economy and durability in the newer lower friction gasoline engines. **ProGuard Synthetic Passenger Car Motor Oils** are formulated to meet the demanding requirements of both Ford and Honda vehicles.

ProGuard Synthetic Passenger Car Motor Oils exceeds new car warranty requirements as defined by ILSAC GF-4 and the meets the API - SM service category. **ProGuard Synthetic PCMO 5W30** meets the special oil requirement of the GM Standard GM4718M.

ProGuard Synthetic Passenger Car Motor Oils (PCMO)

Meets or exceeds the following specifications:

- API Service Category SM, SL, SJ, SH, SG, SF, SE, SD or SC (0W20, 5W20, 5W30, 10W30)
- Energy Conserving, ILSAC GF-4
- Meets Ford, Honda 2005 and Mazda service fill requirements and ACEA A1-02 (European Specification) ACEA A1-02 (0W20, 5W20 5W30) ACEA A3-02 (10W30)
- BMW Long Life 01
- Meets or exceeds the requirements of MIL-I-46152E
- Ford WSS-M2C930-A (SAE 5W20), WSS-M2C929-A (5W30) and WSS-M2C505-A (10W-30)
- DaimlerChrysler DC MS-6395N, MS-6395L
- GM 6094M specification (5W-20, 5W30 and 10W30), GM9986202 (SAE 5W20), GM 9986231 (SAE 5W30), GM4718M (SAE 5W30), GM 4718 (5W30 & 10W30)
- VW 505.00
- Opel
- CJ-4, CI-4 PLUS, Caterpillar ECF-3 and ECF-I CES 20076, 20071 & 20081, Mack EO-O Premium Plus (07), Volvo VDS-4, Daimler Chrysler 228.3, Detroit Diesel 93K214, 93K215, 92K218, ACEA E3 and E5 Performance (5W40)

090309

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Benefits

- Friction-modified for improved fuel economy
- Long-Lasting Protection against sludge and varnish formation
- Helps protect emissions system
- Minimized rust and corrosion
- Outstanding resistance to viscosity and thermal breakdown at high temperatures
- Excellent wear protection
- Outstanding low-temperature pour point and pumpability for cold start protection

Typical Characteristics

ProGuard Synthetic Passenger Car Motor Oil	Synthetic 0W20	Synthetic 5W20	Synthetic 5W30	Synthetic 5W40	Synthetic 10W30	ASTM Method
Viscosity @100 Deg. C, cSt	8.9	8.7	10.7	14.0	10.5	D445
6600 cP max @ Deg C	-35	-30	-30	-25	-30	D2602
Viscosity Index	160	160	168	174	150	D2270
Gravity API @ 60 Deg F.	33.5	33.0	33.0	33.9	31.0	
Flash, COC, °F	400	400	460	446	400	D92
Pour Pt., °C (min)	-40	-40	-48	-48	-35	D97

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