



Lyden Oil Company

ProGuard

Product Information

ProGuard Full Synthetic Euro Motor Oil

ProGuard Full Synthetic Euro Motor Oil is a premium synthetic engine oil optimized specifically for high performance European engine technologies. A robust and balanced combination of advanced technology additive components delivers superior protection while enabling maximum performance.

ProGuard Full Synthetic Euro Motor Oil significantly exceeds the standard performance characteristics of most engine oils formulated for the North American market that claim API SN and ILSAC GF-5 performance and meets or exceeds the highly demanding requirements of the most prestigious European brands, such as BMW, Mercedes-Benz, Audi and Porsche, among others. Specific applications include naturally aspirated and turbo-equipped gasoline engines and naturally aspirated diesel and high-speed turbodiesel (TDI) engines (not equipped with Diesel Particulate Filter or DPF).

Meets or Exceeds the Following Specifications:

ACEA A3/B4-12 (-10, -08), ACEA A5/B5-12 (-10, -08)
API SN/CF
MB 229.3
MB 229.5
Volkswagen VW50200 (2005), Volkswagen VW50500 (2005)
BMW Longlife-01

Opel GM-LL-A-025
Opel GM-LL-B-025
Porsche A40
Renault RN0700
Renault RN0710

Typical Properties

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5W-40

Viscosity, ASTM D-445	
cSt at 100 °C	14.4
cSt at 40 °C	84.1
Viscosity Index	179
Cold Cranking Viscosity, ASTM D-5293	
cP at Temp °C	6,250 at -30
Pumpability, MRV, ASTM D-4684	
cP at Temp °C	32,200 at -35
HTHS Viscosity, cP at 150°C, ASTM D-4683	3.8
NOACK Volatility, % wt. loss, ASTM D-5800	9.9
Flash Point, °C, ASTM D-92	227
Total Base Number, ASTM D-2896	
mg KOH/g	11.1

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