



# Lyden Oil Company

## ProGuard

### Product Information

#### ProGuard Full Synthetic Passenger Car Motor Oil


**ProGuard Full Synthetic Passenger Car Motor Oils** are fully synthetic, multi-grade automotive lubricants formulated to meet or exceed the warranty requirements of most major manufacturers of gasoline engines. They provide better fuel economy, oxidation control, and lower emissions than comparable conventional oils. They also provide for enhanced sludge and deposit control, leading to better overall cleanliness of the engine. They have been formulated and tested to protect the seals in today's engines. They contain additives to help mitigate the effects of water retention and absorption, which can occur when using ethanol-containing fuels.

**ProGuard Full Synthetic Passenger Car Motor Oils** are suitable for use in all seasons. All viscosity grades are licensed with the API under the SN Plus specification (API License # 2439) and exceed the requirements of all previous API "S" categories, including SM, SL, and SH. Viscosity grades 0W-20, 5W-20, and 5W-30 are licensed as API Resource Conserving and ILSAC GF-5 and meet the requirements of all previous "GF" specifications. They also meet the requirements of Ford's WSS-M2C945-A (5W-20), WSS-M2C946-A (5W-30), WSS-M2C947-A (0W-20); Chrysler's MS-6395; and General Motors dexos1<sup>®</sup> generation 2 (0W-20 and 5W-30) specifications.

**General Motors dexos1<sup>®</sup> Generation 2 license numbers: D10506HH127 and D10507HH127**

#### Typical Properties

#### ProGuard

Full Synthetic Passenger Car Motor Oils	0W-16	0W-20	5W-20	5W-30
Product Code Number	710181	17975	17976	17977
	—	YES	—	YES
Viscosity, ASTM D-445				
cSt at 100 °C	7.1	8.5	8.5	11.0
cSt at 40 °C	36.5	45.0	47.5	64.0
Viscosity Index	162	169	157	165
Cold Cranking Viscosity, ASTM D-5293				
cP at Temp °C	5,300 at -35	5,500 at -35	5,200 at -30	3,900 at -30
NOACK Volatility, % wt. loss, ASTM D-5800	—	10.1	10.9	10.5
High Temp/High Shear Visc., ASTD D-4683				
cP at 150 °C	—	2.7	—	3.2
Pour Point, °C (°F), ASTM D-5950	-46 (-51)	-51 (-59)	-48 (-54)	-48 (-54)
Maximum API / ILSAC Performance	SN+	SN+/GF-5	SN+/GF-5	SN+/GF-5

#### Lyden Oil Company

30692 Tracy Road  
Walbridge, OH 43465  
1(800)24-LYDEN  
local: (419)666-1948  
fax: (419)666-8790  
gam@lydenoil.com

3711 LeHarps Road  
Youngstown, OH 44515  
1(800)362-9410  
local: (330)792-1100  
fax: (330)792-1462  
lal@lydenoil.com

16275 National Parkway  
Lansing, MI 48906  
1(800)968-6457  
local: (517)485-2285  
fax: (517)485-0605  
jtr@lydenoil.com

8151 Millis Road  
Shelby Township, MI 48317  
local: (586)997-1319  
fax: (586)997-1352  
jcc@lydenoil.com

3249 Wales Ave. NW  
Massillon, OH 44646  
local: (330)832-7800  
fax: (330)832-2787  
lal@lydenoil.com