



# Lyden Oil Company

## ProGuard

### Product Information

#### ProGuard EP Gear Oils (Lighter Grades)

**ProGuard EP Gear Oils** are designed to surpass the performance of currently available industrial gear oil products. They are thermally stable and provide an extreme pressure additive system to protect the equipment against wear and micro-pitting, and to prevent the formation of sludge. EP protection is maintained in these lighter ISO viscosity grades for equipment requiring a low-viscosity gearbox oil or a light circulating oil with extreme pressure additives. They provide outstanding wear protection, cleanliness, sludge prevention and water separation.

#### Specifications

DIN 51517-3 CLP  
AGMA 9005-E02 EP

ISO 12925-1 CKC/CKD

#### Typical Properties

##### ProGuard

##### EP Gear Oils

	32	46
AGMA Number	n/a	1 EP
Viscosity, ASTM D-445		
cSt at 40 °C	33	45
cSt at 100 °C	5.4	6.9
Viscosity Index, ASTM D-2270	99	99
Flash Point, (COC) ° F, ASTM D-92	410	420
Pour Point, ° F, ASTM D-97	-18	-18
Timken OK Load, lb., ASTM D-2782	65	65
4-Ball EP Test, ASTM D-2783		
Load-wear Index, kg	57	57
Weld Point, kg	400	400
4-Ball Wear Test, 20 kg, ASTM D-2266		
1 hr, 1800 rpm, 54° C,		
wear scar diameter, mm	0.27	0.27
FZG Gear Test, Stages	12	12
Demulsibility, ASTM D-2711		
Total Free Water, ml	85	85
Water in Oil, ml	0	0
Emulsion, ml	0.3	0.3
Rust Test, ASTM D-665A/B	PASS	PASS
Copper Strip Corrosion, ASTM D-130	1A	1A
Foam Test, Foam Vol, ml, ASTM D-892	0/0	0/0

#### 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 LeHarms 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