



# Lyden Oil Company

## ProGuard

### Product Information

#### ProGuard EP Gear Oils with Moly

**ProGuard EP Gear Oils with Moly** are premium quality gear lubricants designed for heavy-duty, high temperature applications fortified with molybdenum disulfide. They are exceptionally stable over a wide range of temperatures, have high load carrying capacity and separate quickly from water. They are specially formulated with technically advanced base oils to provide superior protection.

**ProGuard EP Gear Oils with Moly** are recommended for the lubrication of spur, helical, and bevel gear configurations, and perform well in applications subject to heavy loading or shock loading. They meet the performance requirements of US Steel 224, AGMA 9005-D94, and Cincinnati Milacron.

#### Typical Properties

##### ProGuard

##### EP Gear Oils with Moly

	68	100	150	220	320	460	680
AGMA Number	2 EP	3 EP	4 EP	5 EP	6 EP	7 EP	8 EP
Viscosity, ASTM D-445							
cSt at 40 °C	67	107	151	229	326	455	641
cSt at 100 °C	8.1	11.2	15.0	19.5	24.3	30.0	39.2
Viscosity Index, ASTM D-2270	96	96	95	95	95	95	95
Flash Point, (COC) ° F, ASTM D-92	400	430	410	415	450	460	495
Pour Point, ° F, ASTM D-97	-5	-5	-5	0	5	15	15
Timken OK Load, lb., ASTM D-2782	65	65	65	65	65	65	65
4-Ball EP Test, ASTM D-2783							
Load-wear Index, kg	47	47	47	47	47	47	47
Weld Point, kg	300	300	300	300	300	300	300
4-Ball Wear Test, 20 kg, ASTM D-2266							
1 hr, 1800 rpm, 54° C, wear scar diameter, mm	0.3	0.3	0.3	0.3	0.3	0.3	0.3
FZG Gear Test, Stages	12	12	12	12	12	12	12
Demulsibility, ASTM D-2711							
Total Free Water, ml	86.3	85	85.5	82.2	83	84.9	85.2
Water in Oil, ml	0	0	0	0	0	0	0
Emulsion, ml	nil	nil	nil	nil	nil	nil	nil
Rust Test, ASTM D-665A/B	PASS	PASS	PASS	PASS	PASS	PASS	PASS
Copper Strip Corrosion, ASTM D-130	1	1	1	1	1	1	1
Foam Test, Foam Vol, ml, ASTM D-892	0/0	0/0	0/0	0/0	0/0	0/0	0/0

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