



Lyden Oil Company

ProGuard Product Data

ProGuard EP Gear Oils Product Data Sheet

ProGuard EP Gear Oils are a series of premium extreme pressure industrial gear lubricants formulated to provide excellent performance protection on enclosed gears of all types. They are blended with selected grades of naturally high viscosity index, thermally stable, paraffinic base stocks and fortified with a carefully selected additive system designed to give high levels of protection against early stages, (micropitting), of gear and bearing wear, rust, oxidation and hydrolytic decomposition meeting or exceeding the following specifications: U.S. Steel 224, AGMA 9005-D94, Cincinnati Milacron, Clean Panel Coker and S-200 Oxidation Tubes.

ProGuard EP Gear Oils are recommended for use in industrial applications where an EP Gear Oils are required. **ProGuard EP Gear Oils** excel in the lubrication of heavily loaded enclosed gear drives and reducers under conditions such as heavily or shock loading occurs. Other **ProGuard EP Gear Oil** applications include the lubrication of chain drives, sprockets, plain and anti-friction bearings and slide guides. **ProGuard** also has been used successfully as mist oil and back-up bearing lubricants.

Benefits

- Extreme pressure properties to minimize wear with micropitting protection
- Resistance to foaming
- Oxidation and thermal stability for long life
- Excellent rust and corrosion protection
- Recommended for worm gears and general circulating systems

Typical Characteristics ProGuard EP Gear Oils	68	150	220	320	460	680
AGMA-EP	2	4	5	6	7	8
Gravity, API	31.0	29.7	28.4	27.3	26.3	26.0
Weight, lb./gal	7.25	7.31	7.37	7.42	7.47	7.81
Viscosity 40 Deg C, cSt	66.8	155.4	213.6	325.5	465.8	646.2
100 Deg C, cSt	8.6	15.3	18.8	24.3	29.7	39.8
100 DegF,SUS	348	820	1135	1745	2514	3490
210 DegF,SUS	57	82	98	122	148	195
Viscosity Index	90	90	90	90	90	90
Pour Point, Deg. F	-10	-5	-5	0	5	10
Timken, OK Load, lbs.	60	60	60	60	65	65
Four Ball EP Test						
Weld Point, Kg.	250	250	250	250	250	250
Load wear index	46	47	47	48	48	49
FZG Load Stage	12+	12+	12+	12+	12+	12+
Foam ASTM 892 @0/10 min.	Trace/0	Trace/0	Trace/0	Trace/0	Trace/0	Trace/0

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