



## PGM EP Greases

### EXTREME PRESSURE GREASE

They possess the basic properties of MULTIPURPOSE and INDUSTRIAL GREASES but are designed specifically for use under the most severe conditions of loading both in automotive and industrial services, where conventional greases would be unable to prevent destructive wear of the working surfaces.

### FEATURES

- Excellent load carrying properties.
- Good resistance to water washout.
- Good rust & corrosion protection.
- Long service life through excellent oxidation stability.
- Good mechanical stability.
- Enhanced protection under severe heavy-duty, low-speed operating conditions.

### PGM EXTREME PRESSURE GREASE 3

Description	Unit	Method	Typical Values
NLGI NO.		ISO	3
Appearance		Visual	Homogeneous, Brown
Texture		Visual	Smooth
Soap Base, Type			Lithium Soap
Penetration, worked 60 strokes @ 25°C	0.1mm	ASTM D 217	220 – 250
Unworked @ 25°C	0.1mm	ASTM D 217	< 250
Dropping Point	°C	ASTM D 566	180 min
EP performance test weld point	kgf	ASTM D 2596	190 max
Four Ball Wear test, 1 hr, 40kg, @ 1200rpm, 167°F	mm	ASTM D 2266	0.7 max
Copper Corrosion, 24 hrs at 77°F		ASTM D4048	Pass
Oil Separation,, 18 hrs at 104°F	% mass	IP 121	5.0 max
Water washout @ 100°F, 600±30 rpm, for 1 hr	% wt	ASTM D1264	15 max
Leakage Tendencies, rpm 660 @ 221°F for 6 hrs, deposit on bearing surface	g	ASTM D1263	5 max
Oxidation Stability @ 212°F for 100 hrs	psi	ASTM D942	10
Shell roll Stability for 18 hrs @ 149°F	0.1 mm	ASTM D1831	100 max

**NOTE:** The test data shown in this table are recent average values and are subject to usual tolerance

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