

PRODUCT INFORMATION

A PRODUCT OF AMERICAN CHEMICAL TECHNOLOGIES, INC.



DuraLife P-LX-0

High Performance Shear-Thinning Polyurea-Based Grease for Gearboxes

DESCRIPTION:

DuraLife P-LX-0 was designed for applications where typical gear fluids leak in a gearbox application. Utilizing its unique polyurea technology, **DL P-LX-0** will shear from a 0 Grade down to a 000 grade insuring proper channeling of the fluid to the gearing operation. This mobility is not dependent on temperature, but rather is facilitated by mechanical operations that, based upon its thixotropic nature, will cause it to regroup back to a 0 grade consistency. Another attribute of **DL P-LX-0** is that it clings and coats gear teeth. This removes issues of the lubricant not covering the gearing during "start up" mode. **DL P-LX-0** is a true High Performance product for these types of applications.

PROPERTIES:

	Test Method	DLP-LX-0
Color		Green
Thickener Type		Polyurea
Texture		Smooth
Grease Compatibility		Excellent
NLGI Grade	ASTM D4950	0
Dropping Point	ASTM D566	232 °C (450 °F)
Cone Penetration @ 25 °C	ASTM D217	
Worked 60 strokes		355-385 dmm
Copper Strip Corrosion	ASTM D4048	1b
EP Properties (Four-Ball Method)	ASTM D2596	
Weld Point		315 kgf
Load-Wear Index		45 kgf
OK Load (Timken Method)	ASTM D2509	40 lb-f
Four-Ball Wear	ASTM D2266	< 0.6 mm

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