

PRODUCT INFORMATION

A PRODUCT OF AMERICAN CHEMICAL TECHNOLOGIES, INC.



DuraLife P HS-0

High Performance High Temperature State of the Art Polyurea Based Grease

DESCRIPTION:

DuraLife P HS-0 is a premium, high temperature, extreme pressure, multi-purpose, polyurea thickened grease. **DuraLife P HS-0** is manufactured with a high quality base oil with multiple types of viscosity index improvers, increasing its "body" and "tackiness" properties. This premium base oil preparation gives the grease a strong and long lasting body with a texture that can stand up to the toughest of applications. After the base oil formula is prepared, the grease is thickened using polyurea.

BENEFITS:

DuraLife P HS-0 exhibits excellent thermal stability to extreme high and low temperatures and superior shear stability when compared to typical polyurea greases. **DuraLife P HS-0** has very good water resistance and will not wash out maintaining its consistency under severe working conditions and resisting rust and oxidation.

PROPERTIES:

	Test Method	DLP HS-0
Appearance		Smooth
Color		Green
Thickener Type		Polyurea
Thickener Content		6-9 %
NLGI Grade	ASTM D4950	00
Base Oil Viscosity @ 104 °F	ASTM D445	2,795-3,260 SUS
Base Oil Viscosity @ 212 °F	ASTM D445	150 SUS
Viscosity Index	ASTM D2270	92
Dropping Point	ASTM D566	246 °C (475 °F)
Cone Penetration @ 25 °C	ASTM D217	
Worked 60 strokes		400-430 dmm
DI Rust Protection, 48 hr, 52 °C	ASTM D1743	Pass
Oxidation Stability by OPV	ASTM D942	3 psi
EP Properties (Four-Ball Method)	ASTM D2596	
Weld Point		315 kgf
OK Load (Timken Method)	ASTM D2509	55 lb-f
Four-Ball Wear	ASTM D2266	0.45 mm

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