

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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