

GREASE-PLUS LI-COMPLEX EST HSP 1.5

GREASES

324903901



LITHIUM COMPLEX GREASE WITH A SYNTHETIC BASE OIL

This grease is formulated with a synthetic base oil to provide high chemical and thermal resistance, making it suitable for a wide range of operating temperatures from -40 °C to 180 °C. It is capable of withstanding severe operating conditions that involve a combination of high speed, temperature, and loads, and it has a high lubricating capacity. These products are appropriate for use in bearings that operate in cooling water applications, as well as in the paper, steel, cement, and construction industries.

CATEGORY

- Greases

BENEFITS

- High compatibility with plastics and elastomers
- Excellent anti corrosive and anti oxidant properties
- Resistance to shearing and water washout
- Increased lubrication intervals
- Increased bearing life
- Superior performance as heavy duty grease

PROPERTY	METHOD	VALUE
Colour		Ivory
Thickener		Lithium complex
Base oil nature		PAO+ester blend
Base oil viscosity @ 40 °C, mm ² /s		250
NLGI class	DIN 51 818	1.5
Dropping point, °C	ASTM D566	>250
Oil separation, 18h/140 °C		0.5
Penetration 60W, x 0,1 mm	ASTM D217	290-320
4-ball wear test - Weld load, kg	IP 239	240
4-ball wear test - Wear scar diameter 1h/40kg, mm	IP 239	0.60
EMCOR corrosion test	DIN 51 802	1
Copper corrosion 24h @ 100 °C		1b
Water washout @ 80 °C, %	ASTM D1264	7
Oxidation stability, 100 °C, kg/cm ²	ASTM D942	0.5
Evaporation loss, 22hr/120 °C, %	ASTM D972	0.3
Flow pressure @ -35 °C, mbar	DIN 51 805	700
Flow pressure @ -30 °C, mbar	DIN 51 805	750
Operating temperatures, °C		-40 - 180

All data on this technical data sheet is indicative only

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