GREASE-PLUS
POLY SYNT PAO 2

GREASES

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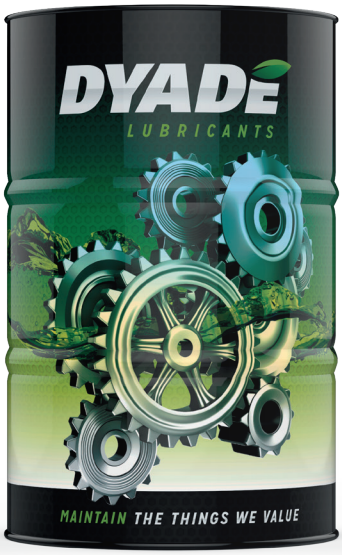

ORGANIC THICKENED LUBRICATING GREASE WITH HIGH VISCOSITY INDEX SYNTHETIC OIL

This multipurpose lubricating grease is engineered for high performance and designed to function effectively in a broad temperature range. It is formulated with state-of-the-art organic thickeners and exhibits remarkable chemical and thermal stability. The product's excellent lubricating capacity and resistance to aging are due to its high viscosity synthetic base oil. These lubricants are suitable for various applications such as medium and high-speed bearings, bearings in cold environments and cooling systems, electric motor bearings, fan bearings, exhausters and pumps, bearings in oven wagons and drying tunnels, bearings in conveyor belts, bearings and bolts in chains subjected to strong temperature variations, plain bearings and joints in plastic-plastic and plastic-metal contacts, lubrication of wire guides, plastic bearings and slides.

CATEGORY

- Greases

BENEFITS

- Wide operating temperature range
- Long life lubrication, reducing maintenance costs and lubrication intervals
- Good oxidation resistance
- Protects bearings against rust and corrosion
- Resists water wash-out
- High dropping point
- Low oil separation and will keep electrical motor windings clean
- Superb pumpability at lower temperatures

PROPERTY	METHOD	VALUE
Colour		Blue
Thickener		Tetra-urea
Base oil type		PAO
Base oil viscosity @ 40 °C, mm²/s		100
Density @ 25 °C, kg/dm³		0.875
Worked penetration 60W, x 0,1 mm	ASTM D217	340-360
Dropping point, °C	ASTM D566	250
Oil separation @ 18hr/40 °C, %	DIN 51 817	2,5
NLGI class	DIN 51 818	2
Unworked penetration @ 25 °C, x 0,1 mm	ASTM D217	255-295
Sulphated ash, %	ASTM D482	0,05
Flow pressure @ -35 °C, mbar, max	DIN 51 805	1500
Oil separation 7 days/40 °C, %	DIN 51 817	4
Oil separation 30hr/100 °C, %	FTM 791.321	1
EMCOR corrosion test	DIN 51 802	1
Copper corrosion 24h @ 100 °C	ASTM D4048	1b
Water resistance, 3hr/90 °C	DIN 51 807	0
Water wash-out resistance, 1hr/80 °C, %	ASTM D1264	1,5
Oxidation stability, 100hr/100 °C, bar	ASTM D942	0,1
Evaporation weight loss, 22hr/100 °C, %	ASTM D972	0,25
Evaporation weight loss, 48hr/150 °C, %	G041	3
4-ball wear test - Welding load, kg	IP 239	180
4-ball wear test - scar diameter 1' /80 kg, mm	IP 239	0,70
SRV test @ 100N, 1mm, 50Hz, 80 °C, 1h, 10 mm ball - minimum		ASTM D5706 0,110
SRV test @ 100N, 1mm, 50Hz, 80 °C, 1h, 10 mm ball - maximum		ASTM D5706 0,125
SRV test @ 100N, 1mm, 50Hz, 80 °C, 1h, 10 mm ball - end	ASTM D5706	0,120
SRV test @ 100N, 1mm, 50Hz, 80 °C, 1h, 10 mm ball - wear scar diameter, mm		ASTM D5706 0,50
EP Test maximum load, N		500
Life test SKF-ROF bearings @ 160 °C, 10.000 rpm, L50, hours		700
Service temperature, °C		-50 - 180

All data on this technical data sheet is indicative only

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