

LOW TEMP GREASE

High speed

Premium synthetic grease for very low temperatures (-60°C) for fans, pumps during start-up and spindle bearings with very high speeds.

Applications

- Applications subject to very low temperatures: fans, pumps
- Textile machine spindles
- Spindles of machine tools operating at high speeds
- Small electric motors used in medical applications



PROPERTIES

ADVANTAGES

Low-viscosity synthetic oil+ Lithium		Enables very high speeds and operation at very low temperatures
Excellent resistance to mechanical shear		Very good grease behaviour under load
Exceptional resistance to oxidation		Increased grease service life, thereby reducing maintenance costs
Very good resistance to water and corrosion		Very good resistance to washing out, which limits fat loss and therefore reduces consumption
Reduced running-in time for spindle bearings		This promotes productivity
Free of lead and other heavy metals		More environmentally friendly grease

Characteristics	Method	Unit	LOW TEMP
Operating temperature		°C	-60°C to 130°C -(150°C peak)
Colour			White
Texture			Smooth
Penetration at 25°C	ASTM D217 / DIN 51 818	10 ⁻¹ mm	265/295
NLGI grade	ASTM D217 / DIN 51 818		2
Speed factor		NDm*	1,600,000
Nature of thickener			Lithium
Nature of base oil			Synthetic
Viscosity of base oil at 40°C	ASTM D 445/DIN 51-562-1/ISO 3104/IP71	cSt	18
Drop point	IP 396	°C	> 200

* NDm is a speed factor where N is the rotational speed in rpm and Dm is the average bearing diameter (d+D)/2

Available packaging

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1kg



370g



15kg