TECHNICAL DATA SHEET

HHS 5000

High-temperature adhesive synthetic lubricating oil

GREASE FLUID GREASE OIL

Product Description

High-performance fully synthetic oil lubricant with PTFE and extreme thermal stability.

Areas of Application

Ideal for the lubrication of moving parts with tight tolerances that are subject to high temperature stresses. Perfect for use on hinges, joints, internal bearings, chains subject to temperature stresses, sliding rails, etc.

Directions

Shake can thoroughly before use. Surface should be clean of all dirt, grease and grime. Spray evenly 20 to 25 cm (8 – 10 in) from the surface.

Technical Details

Format	Aerosol
Lubricant System	Oil
Oil Base	Synthetic
Colour	Transparent
Temperature Range	-20°C to +200°C
Short Term Temperature Resistance	+250°C
Density	0.86 g/cm³
Base Oil Viscosity	200 mm²/s
Solid Lubricant	PTFE
Wear Protection/Service Life SRV (DIN 51824)	Wear Rate: 25
Corrosion Protection SKF-Emcor-method (DIN 51802)	Corrosion Degree: 0 - 1
Smell/Fragrance	Characteristic
Shelf Life	24 Months
Resin-Free	Yes
Silicone-Free	Yes
Acid-Free	Yes
AOX-Free	Yes
Resistance Against	Water, Salt Water, Acid, Lye
Material Compatibility	Steel, non-ferrous heavy metals, stainless steel, FKM

Description	Contents	Art. No.
HHS 5000	**386 g**	**893.10633**

Key Features

Durable lubrication and wear resistance with PTFE

- Long term noise prevention.
- After lubricating film wears off, the PTFE takes over lubrication (emergency running property).
- Maintenance of the gliding film under high thermal loads.
- Vibration and impact dampening properties.

High creeping capacity

- Very high migrating capacity.
- Suitable for reaching hidden lubrication points.

Highly adhesive

- No splattering of the lubricant with turning & rotating parts.

Material compatibility

- Compatible with O-Rings, X-Rings, plastic, metal, painted surfaces etc.

Safety due to long term effect

- Provides reliable, long-term protection against corrosion.
- No oxidation (gumming) up to +200°C (+392°F). Briefly up to +250°C (+482°F).
- No coking residues, prevents carbon residue buildup.

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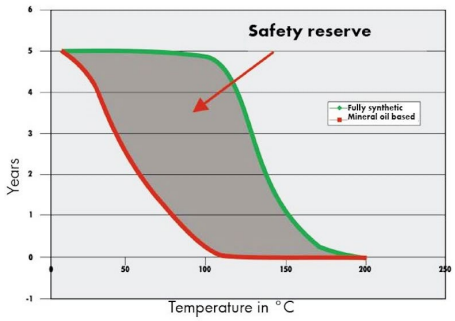
Technical Details (continued)

Operating Temperature/Service Life Graph



Where lubricating film made from ordinary mineral-oil based lubricants tears (e.g. at +120°C red curve), our HHS 5000 offers a longer lubricating condition (green curve). This allows considerable saving of lubricant.

Disclosure Information

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