TECHNICAL DATA SHEET

0893 106; 0893 106 1;

HHS 2000
Highly pressure-resistant partially synthetic oil

Fields of application:
Suitable for all types of lubrication under high pressure, e.g. on gear, throttle and clutch linkages, Bowden wires, bolts, joints, hinges, levers, lock strikers, drag link ends, slide rails, sprockets, racks and pinions, open gears and much more.

Properties:
- High-pressure-resistant
- Extremely resistant lubricating film which effectively reduces noise and vibration
- Good penetration properties
- Excellent lubrication
- Provides lasting protection against corrosion
- Does not spin off moving and rotating parts
- Good material compatibility
- O-ring/X-ring-compatible and compatible with plastics
- Does not affect painted surfaces
- Resistant to splash water and saltwater, weak acids and bases
- Free of silicones, resins and acids

Resistant to high pressures:
The lubricating film of HHS 2000 remains active and does not break even under high pressure or shear conditions. The oil reliably separates both joined parts ensuring optimum wear protection under high loads. This protection can only be guaranteed on clean surfaces and parts, which is why we recommend a careful and thorough cleaning with HHS Clean, art. no. 0893 106 10, before applying HHS 2000.

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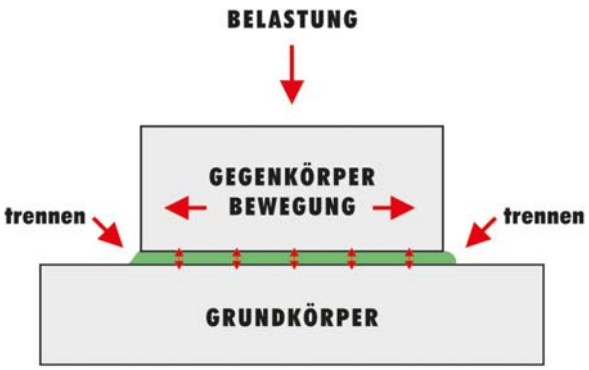
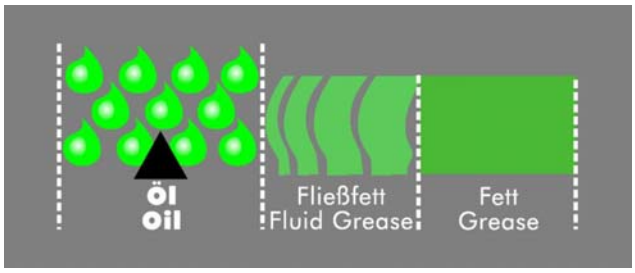
Picture 1:



Viscosity index:



Application:

Shake can before use, then apply HHS 2000 and let it work for a short while. Turn can upside down after use and spray until spray valve is empty again.

Technical data:

Physical chemical properties:	
Chemical basis	Partially synthetic hydrocarbon-based oil
Color	Yellowish
Scent	Like oil
Type of solution	Hydrocarbons
Viscosity of base oil at 40°C in mm/s	1,750 cSt
Yield	
Share of solid lubricant	None

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Temperature range	-25°C to +180°C
Temporary temperature range	Up to +200°C
Maximum possible load acc. to DIN ISO 51350	Approx. 1,400 N/mm²
Density of agent at 20°C (according to DIN 51757)	0.740 g/ml
Pour point	-25° C
Flash point of agent (without solvent) according to DIN ISO 2592	Approx. 300°C
Shelf life	24 months
Silicone-free	✓
O-ring/X-ring-compatible	✓
Resin and acid-free	✓
AOX-free	✓
Resistant to:	
Water	✓
Saltwater	✓
Acids (up to a max. pH value of 2)	✓
Bases	Weak bases (up to a pH value of 10)
Material compatibility of the agent after evaporation of solvent:	
Steel	✓
Non-ferrous metals	✓
Non-ferrous and non-precious metals	✓
Stainless steel	✓
Plastics	✓ (PE, PP, vinyl; PTFE; polyester, nylon, glass-reinforced epoxy laminate. Please note: test compatibility with polycarbonate, polystyrene, and acrylic before use)
Sealing materials: various types of rubber (natural and synthetic)	✓
EPDM	✓
FKM	✓
NBR	✓

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This advice is based on our own research and experience. It is presented in good faith and may be considered reliable. However, due to the diverse processing, application and handling possibilities the information provided may not be considered legally binding. The same applies to the information provided by our technical and commercial customer service.

We recommend the users of our products to perform their own tests in order to determine whether our products are appropriate for the respective use and environment. We guarantee the consistent quality of our products. We reserve the right to implement technical changes and improvements.

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