



Foodmax Grease TF-S

High performance synthetic food grade grease containing PTFE

Description

A high performance grease formulated with the latest technology synthetic base oils enriched with a selective use of special additives. Foodmax Grease TF-S contains PTFE, which reduces the friction coefficient and provides lubrication under almost all circumstances. Foodmax Grease TF-S is NSF and InS H-1 approved.

Applications

- Maximum temperature is 180 °C, with a peak temperature up to 200 °C

- Bearings, slides, chains, general lubrication
- Medium-high speed bearings
- Lubrication of plastics and plastics to metal contact
- Oven bearing lubrication
- Applications which require boundary lubrication with PTFE

Benefits

- Outstanding thermal stability
- High lubrication capacity
- Good compatibility with elastomers and plastic materials

Typical performance data

	Test method	TF-S
Colour		White
Thickener		Silica
Base oil type		PAO+PIB
Base oil viscosity @ 40 °C, cSt		320
Worked penetration 60 W, x 0,1 mm	ASTM D217	250-280
Drop point, °C	ASTM D56	300
4-ball wear test	IP 239	
• Welding load, min, kg		400
• Scar diameter 1h/40 kg, max, mm		0,6
EMCOR corrosion test, max	DIN 51802	0/0
Copper corrosion @ 100 °C	ASTM D4048	1b
Oxidation stability @ 100 °C, kg/m ²	ASTM D942	0.5
Evaporation loss @ 100 °C, %	ASTM D972	1
Water washout @ 90 °C max	DIN 51807	1
Oil separation @ 40 °C max, %	DIN 51817	3
Dynamic viscosity @ 25 °C, mPas	Haake	2.800-4.500
Working temperature range, °C		-40 – 180

All performance data on this Technical Data Sheet are indicative only and can vary during production

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