

FOOD-PLUS PTFE SO

FOODGRADE GREASES

323702701



HIGH PERFORMANCE SYNTHETIC FOOD GRADE GREASE CONTAINING PTFE

This is a high-performing grease that utilizes the latest synthetic base oils, along with carefully selected special additives. It incorporates PTFE to decrease the friction coefficient and offer lubrication in nearly all situations. Additionally, this product has received NSF H1 approval. This grease is suitable for a variety of applications, including bearings, slides, chains, general lubrication, medium-high speed bearings, lubrication of plastics and plastics to metal contact, and oven bearing lubrication. It is particularly effective for situations that require boundary lubrication with PTFE. The maximum operating temperature for this grease is 180 °C, with a peak temperature of up to 200 °C.

CATEGORY

- Greases

BENEFITS

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

PROPERTY	METHOD	VALUE
NLGI grade		2
Colour		White
Thickener		Silica
Base oil type		PAO+PIB
Base oil viscosity @ 40 °C, mm ² /s		320
Worked penetration 60 W, x 0,1 mm	ASTM D217	250-280
Drop point, °C	ASTM D566	300
4-ball wear test - Welding load, kg	IP 239	400
4-ball wear test - scar diameter 1h/ 40 kg, mm	IP 239	0.6
EMCOR corrosion test, max	DIN 51 802	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 51 807	1
Oil separation @ 40 °C max, %	DIN 51 817	3
Dynamic viscosity @ 25 °C, mPas	Haake	2.800-4.500
Working temperature range, °C (Warning: do not apply via centralized lubrication at <-20 °C)		
-40 – 180		
NSF registration		150570
Kosher approved		yes
Halal approved		yes

All data on this technical data sheet is indicative only

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