

**Specialists in Industrial & Automotive Oil**

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 Number:

**TDS 042**

**SUBJECT: OIL SPECIFICATION**

**ENVIRONMENTAL & QUALITY MANUAL**

*(in accordance with SABS ISO 9001 & 14001)*

## Magic Food Grade Grease

**MAGIC FOOD GRADE GREASE** is high quality food grease with Polymer additives with excellent performance. The formulation is based only on non-toxic components, which comply to, FDA section 21 CFR 178.3570 for accidental food contact. The base oil is according to DAB and FDA sect. 178.3620 A.

**CHARACTERISTICS:**

**MAGIC FOOD GRADE GREASE** has excellent properties:

- High temperature stabile and excellent water resistant
- Polar and has therefore better lubrication with less grease quantity

**NSF REGISTRATION:**

**MAGIC FOOD GRADE GREASE H1 NFS REGISTRATION NO: 132042 CATEGORY CODE:H1**

**USAGE'S:**

**MAGIC FOOD GRADE GREASE** is ideal for the usage in the Food- and Packaging industries, where the grease could come into contact with food and packaging. Therefore there will be no risk regarding the lubricant. The above grease can also be used for bushes, bearings, and machine parts or where ever there is a need for grease in the Food Industries.

**APPLICATION:**

- Harvester machines as well as Wine-, Beer- and Mineral water filling machines
- Flour Based food (e.g. bakeries), also Meat, fish, vegetables, animal feeds, and can factories.

DATA	METHOD	UNIT	LIQUID	LIQUID	SOFT GREASE
NLGI Grades	DIN 51818	-	000	00	1 - 2
Working Temperature	-	°C	-15 to 150	-15 to 150	-20 to 150
Colour	Visual	-	Off white	Off white	Off white
Density	NFT 30-101	g/cm3	0.938	0.938	0.938
Work penetration (60)	ASTM D217	1/10 mm	445-475	400-430	295-335
Work Stability (100.000)	ASTM D217	1/10 mm	35	35	35
Drop point	ASTM D566	°C	None	None	None
Copper Corrosion	ASTM		1b max	1b max	1b max
Oxidation Stability	D4048	psi	<4	<4	<4
Shell 4 Ball	ASTM	kfgf	315	315	315
Oil separation (100°C 30h)	D2596	%	3	3	3

**TRANSPORT:**

ADR/SDR: Not dangerous

**DISPOSAL:**

VVS-Code: 1730 (Switzerland): As per country legist rate

**TOXICITY:**

Toxic class free

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