

GEAR FOOD

SEMI-SYNTHETIC LUBRICANTS FOR GEARS IN FOOD INDUSTRY

APPLICATIONS

The range of lubricants **GEAR FOOD** is a semi-synthetic oil for gear boxes : endless screw, helical or herringbone gears, bevel gears, closed gears.

GEAR FOOD is particularly recommended in food industry where casual contact of oil with food may occur on machines : bottling, tins or cans settings.

The range of lubricants **GEAR FOOD** is available under several ISO viscosity grades from 150 to 680

GEAR FOOD 150 may be used to lubricate conveyor chains.

BENEFITS

- No toxicity
- Excellent anti-wear and extreme pressure properties
- Reinforced anti-rust and anti-oxidizing protection
- Excellent resistance to shearing
- Neutral in regard to joints

PERFORMANCES

APPROVALS NSF H1 (1)

Grade 150 No. 128622
 Grade 220 No. 128626
 Grade 320 No. 128625
 Grade 460 No. 128624
 Grade 680 No. 128623



Nonfood Compounds
 (128622-128626-128625-
 128624-128623)

MEETS THE REQUIREMENTS

FDA (section 21 CFR 178.3570) for food contact.

(1) Approval certificates available on request

CHARACTERISTICS

CHARACTERISTICS	UNITS	METHODS	TYPICAL DATA				
			150	220	320	460	680
ISO grade	-	-	150	220	320	460	680
Specific gravity at 15°C	kg/m ³	NF T 60-101		0,870		0,868	0,866
Kinematic viscosity at 40°C	mm ² /s	NF T 60-100	150	220	320	460	680
Kinematic viscosity at 100°C	mm ² /s	NF T 60-100	20	24	40	55	65
Viscosity index	-	NF T 60-136	150	135	175	185	165
Aniline point	°C	NF M 07021		100			110
Pour point	°C	NF T 60-105	-15	-17	-18	-20	-22
Scar diameter 4-ball 40 kg/1h wear test	mm	ASTM D 4172		0,32			0,3
Load-wear index	kg	ASTM D 2783		200			250
FZG	-	DIN ISO 14635/2					damage load stage 12

This typical data is given for information only



HEALTH, SAFETY AND ENVIRONMENT

Elimination must be carried out to conform to the rules set for the disposal of used oils.

Must be stored away from bad weather.

Should you need further details, our Technical Department remains at your entire disposal.