



INDUSTRIAL
LUBRICANTS &
SERVICES LIMITED

Technical Data sheet

CALSUL PM 320

A modern high Performance Food Grade Grease

Description

CALSUL PM 320 is a Calcium Sulfonate Complex thickened lubricating grease based on synthetic PAO and Pharmaceutical grade white oil. The grease contains antioxidants and corrosion inhibitors. The product does not contain conventional EP and anti-wear additives since they are built in as an integral part of the soap structure.

This innovative approach has resulted in a technologically advanced product which provides excellent load carrying capacity making it suitable for heavily loaded applications and provides outstanding performance in some of the most demanding applications to be found in the food industry.

Typical Applications

It is particularly recommended for heavily loaded applications with low to medium speed bearings such as pellet mills, presses and compactors used to process pet food and animal feed.

Suitable for use in a wide range of applications where high temperatures and water may be present.

Advantages

- Excellent load carrying capacity suitable for heavily loaded applications.
- Superb mechanical stability.
- Very good Corrosion protection.
- Excellent water resistance.
- May be dispensed from central lubrication systems.
- Food Grade product NSF H1 Registered
- Manufactured in an ISO 21469 certified plant.



Nonfood Compounds
Program Listed H1
Registration N° 155843



KOSHER
CERTIFIED



HALAL
CERTIFIED

Typical Properties

ISO 12924: L-XC(F)DHB1.5
DIN 51502: KP1.5N-30

Name	Method	Results
Thickener		Calcium Sulfonate Complex
Base Fluid		Polyalphaolefin / Pharmaceutical White Oil
Texture / Color	Visual	Smooth / Light amber
NLGI Grade	ASTM D217 Mod	1.5
Dropping Point	IP 396	>300 °C
Base oil Viscosity @ 40°C	ASTM D7152	320 mm ² /s (cSt)
Base oil Viscosity @ 100°C	ASTM D7152	31 mm ² /s (cSt)
Penetration @ 60 Strokes	ISO 2137	290-320
Four Ball Weld Load	DIN 51350:4	6500 N
Water Resistance @ 90 °C	DIN 51807:1	1
Water wash out @ 79 °C	ISO 11009	< 10%
EMCOR Distilled Water	ISO 11007	0-0
Temperature range		-30 °C -140 °C (Max + 180°C)

Note: Data is typical and does not constitute a specification

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