TECHNICAL INFORMATION

ULTRAPLEX SYNT 222 ALH1

FOOD GRADE SYNTHETIC GREASE

DESCRIPTION

Fully synthetic hydrocarbon based aluminium complex grease for long term lubrication in difficult environmental conditions.

APPLICATION

Suitable for open or closed points in difficult working conditions: exposure to moisture, vibration, steam, dirt, high loads and pressures. Thanks to its properties, lubrication periods can be extended.

For plain and rolling bearings at medium and low speeds up to a speed factor ≈ 300,000 (speed factor: average bearing diameter in mm X rotational speed in rpm).

Suitable for bottling plants, food packaging plants (can seamers in the canning industry and fruit and vegetable stores), granulators, wastewater treatment plants, etc.

PROPERTIES

- Excellent adhesion and sealing properties, even in the presence of cold or hot water, salt water and steam.
- Protects against corrosion.
- Working temperature from -40º to +150ºC. Peaks up to +180º C.
- High resistance to ageing and shearing.
- High capacity to withstand extreme loads and pressures.

QUALITY LEVEL

- ISO 6743-9: L - XDFEB 2
- DIN 51502: KP HC 2 K-40
- Certifications NSF H1 / HALAL / KOSHER

TECHNICAL CHARACTERISTICS

	Method	Typical values	Units
Appearance	-	White-yellowish grease	-
Penetration at 25°C	ASTM D-217	280	mm x 10^{-1}
Base oil viscosity at 40ºC	ASTM D-445	220	mm^2/s
Dropping point	ASTM D-566	240	°C
Welding load, 4 ball test	ASTM D-2596	400	Kg
Wear scar, 4 ball test, 400N, 75ºC, 1h	ASTM D-2266	0,60	mm
Flow pressure at -40ºC	DIN 51805	1039	mbar
NSF H1 registration number	-	171014	-
Halal registration number	-	IH-682/2.4/B/76/2/53	-
Kosher registration number		UKF0352967	-

The information provided in this document is based upon our best knowledge at the date of revision indicate, and is subject to changes without prior notice. Such information does not release the user from testing the product in their own application. The data indicated represent average values and do not constitute product specifications. For more information please contact COGELSA Technical Support. COGELSA is not liable for damages caused by improper use of the product.

COMPAÑIA GENERAL DE LUBRICANTES, S.A.
C/ Comercio, 36 P.I. Can Sunyer
08740 Sant Andreu de la Barca, Barcelona, Spain
Telf. +34 93 682 22 20 Fax. +34 93 682 00 55
comercial@cogelsa.com

Export:
Telf. +34 93 635 60 50
export@cogelsa.com

www.cogelsa.com

COGELSA®
EFFICIENT LUBRICATION

LUBE
Green Lubrication Solutions

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HANDLING AND STORAGE

Handling not subject to special requirements. Throughout the lifespan of the product:

- Store separately from other lubricants, chemicals or foodstuffs.
- Protect from sunlight or other heat sources.
- Store at temperatures from 1°C up to +40°C.
- Keep container closed after opening.

The expiry date is 48 months from date of manufacture.

For further information and more product details, packaging and safety data sheets, please refer to our website www.cogelsa.com or contact us at: info@cogelsa.com or export@cogelsa.com

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08740 Sant Andreu de la Barca, Barcelona, Spain
Telf. +34 93 682 22 20 Fax. +34 93 682 00 55
comercial@cogelsa.com

Export:
Telf. +34 93 635 60 50
export@cogelsa.com

www.cogelsa.com

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