PROFESIONALES EN SOLDADURA Y LUBRICANTES

TECHNICAL DATA SHEET

KRIPTON® LUB 916/2

Family: lubricant grease
Product reference: KLG75094

DESCRIPTION

Synthetic-based grease for high loads and long-lasting lubrication under difficult environmental conditions. Formulated with highly-refined base oil and synthetic hydrocarbons, reinforced with additives to improve its performance. An inorganic thickening agent is used, which is highly resistant to temperatures. It contains PTFE.
It is a lubricant suitable for incidental contact with food, classified as H1.

APLICATIONS

Especially indicated for lubricating open or closed points under tough working conditions: exposure to environmental humidity, vibration, steam, dirt, high loads and pressures. Thanks to its properties, the lubrication periods can be extended.

For plain and ball bearings that work at medium and low speeds under difficult environmental conditions up to a speed factor of approximately 300,000 (speed factor: average bearing diameter in mm X the rotation speed in r.p.m.).

Especially appropriate for application at bottling plants, food packaging plants (cappers in the canned food industry and vegetable-fruit warehouses), pellet machines (manual lubrication), textile finishing, purification plants, harbour equipment, ships, etc.

PROPERTIES

- Excellent adherence and sealing capacity, which allows the lubrication intervals to be extended, even in the presence of cold or hot water, salt water and steam.
- Protects against corrosion.
- Working temperature from –20º to +160º C. It can withstand temperature peaks above 200º C without losing its structure.
- High resistance to ageing and to shearing.
- High capacity to withstand loads and extreme pressure.
- ISO-L-XBGIB 2
- INS H1 – Suitable for incidental contact with foods.

TECHNICAL DATA

Appearance		Translucen white grease
Dropping point	ASTM D-566	None
Penetration at 25ºC	ASTM D-217	280 mm x 10^{-1}
Penetration at 25ºC a 10^{4} strokes	ASTM D-217	295 mm x 10^{-1}
Base oil viscosity at 40ºC	ASTM D-445	1500 mm^{2}/s
Welding load – Tour ball test	ASTM D-2596	250 Kg
Bearing corrosion	ASTM D-1743	1-1-1 (no corrosion)
Oil separation	ASTM D-6184	0,8 %

APLICATION

- Sealed bearings must be filled to a maximum of half their capacity.
- To the extent possible, avoid mixing with other types of grease.
- Due to its high adherence, its suitability in centralised lubrication systems must be verified.

PACKAGING

Bulk