

Univar FoodGrade U3 GR GTX 2

Description

Univar FoodGrade U3 GR GTX 2 is a calcium sulfonate complex thickened lubricating grease based on pharmaceutical grade white oil. The grease contains antioxidants and corrosion inhibitors. The product does not contain conventional EP and AW-additives since they are built in as an integral part of the soap structure.

The functional soap gives the product excellent load carrying capacity making it suitable for heavily loaded applications. The grease also has superb mechanical stability, good corrosion protection and excellent water resistance.

Univar FoodGrade U3 GR GTX 2 is a modern high performance product suitable for food industries where lubricants may have incidental contacts with food stuff. It is recommended for heavy loaded applications with low to medium speed bearings, such as pellet presses and compactors used to process pet food and animal feed.

Univar FoodGrade U3 GR GTX 2 is registered under No. 165975 at NSF according to H1 regulations for lubricants with incidental food contact.

This product is manufactured in a ISO 21469 certified plant.

Specifications



ISO 12924: L-XB(F)DHB2

DIN 51502: KP2N-20

Excellent load carrying capacity

Excellent resistance to shock loads

Very good water resistance

Typical Physical Characteristics

Thickener		Calcium sulfonate complex
Base fluid		Pharmaceutical white oil
Texture		Smooth
Colour	Visual	Brown
NLGI Grade	ASTM D 217 mod	2
Dropping point	IP 396	> 280°C
Base oil viscosity at 40°C	ASTM D 7152	460 mm ² /s
Base oil viscosity at 100°C	ASTM D 7152	40 mm ² /s
Penetration 60 strokes	ISO 2137	265 - 295
4-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 dist water	ISO 11007	0 – 0
Density	IP 530	1020 kg/m ³
Temperature range*		-20 to +140°C (max 180°C)

Recommendations

Store the product at ambient temperature in inside area and segregated from other non-H1 lubricants.

Avoid exposure of the product to temperatures above 35°C.

Shelf life: 3 years from manufacturing date (unopened)

The information above is based on current production data and can vary within given tolerances.

*Temperature range is given as a guideline only.

Information and data can be changed without previous notification. This information replaces prior editions.

Health, Safety & Environment

Guidance on Health & Safety is available on the appropriate Material Safety Data Sheet, which can be obtained from www.univarlubricants.no www.univarlubricants.se www.univarlubricants.dk www.univarlubricants.fi

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