

# Univar FoodGrade U3 GR EPS 2

## Description

Univar FoodGrade U3 GR EPS 2 is a H1 approved food machinery grease based on an aluminium complex thickener, pharmaceutical grade white oil and polymer. The grease contains antioxidants, EP/AW additives and white solid lubricants (PTFE).

The thickener system and the medium viscosity base oil blend makes the product suitable for bearings operating at medium speeds within a wide temperature range. The grease has good load carrying capability, resistance against shock loads, water and corrosion. The content of PTFE allows enhanced protection against wear and oscillating movements.

Univar FoodGrade U3 GR EPS 2 is a high performance universal food machinery grease. The allround properties of the product make it suitable for various types of bearings present in the food industry. It can also be used in centralised lubrication systems designed for NLGI 2 greases.

Univar FoodGrade U3 GR EPS 2 is registered under No. 165973 at NSF according to H1 regulations for lubricants with the potential for incidental food contact.

The product is manufactured in an ISO 21469 certified facility.

## Specifications



ISO 12924: L-XB(F)CHB2

DIN 51502: KP2K-15

Food grade approvals.  
Good resistance to shock loads.  
Good water resistance.

## Typical Physical Characteristics

Thickener		Aluminium Complex
Base fluid		Pharmaceutical white oil
Texture		Smooth
Colour	Visual	White
NLGI Grade	ASTM D 217 mod	2
Dropping point	IP 396	> 230°C
Base oil viscosity at 40°C	ASTM D 7152	220 mm <sup>2</sup> /s
Base oil viscosity at 100°C	ASTM D 7152	21.5 mm <sup>2</sup> /s
Penetration 60 strokes	ISO 2137	265 - 295
4-ball weld load	DIN 51350:4	3200 N
4-ball weld load	ASTM D 2596	≥ 285 Kg
Water wash out at 79°C	ISO 11009	≤ 5%
Emcor dist water	ISO 11007	0 - 1
SKF R2F B at 120°C	SKF	Pass
Density	IP 530	875 kg/m <sup>3</sup>
Temperature range*		-15 to +120°C (max 130°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](http://www.univarlubricants.no) [www.univarlubricants.se](http://www.univarlubricants.se) [www.univarlubricants.dk](http://www.univarlubricants.dk) [www.univarlubricants.fi](http://www.univarlubricants.fi)

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