

Univar FoodGrade U5 HF 46

Description

Univar FoodGrade U5 HF 46 is based on synthetic polyalphaolefine oils with high performance additives.

Especially suitable for very low temperature applications in food and pharmaceutical processing industries. With a wide temperature range plus excellent oxidation stability which result in extended lubrication intervals thus reducing operating costs in hydraulic systems.

It could be applied by using immersion, immersion circulation or injection or applied by brush or drip-feed lubrication for chains applications.

Univar FoodGrade U5 HF 46 is miscible with mineral oils and polyalphaolefin oils. However, we still recommend to cleaning the oil circulation system before using Univar FoodGrade U5 HF 46 for the first time. Compatible with most seal gaskets normally used in food machinery lubrication systems. A compatibility test is always recommended to be carried out. (e.g EPDM)

Univar FoodGrade U5 HF 46 is registered under No. 139882 at NSF according to H1 regulations for lubricants with incidental food contact. It is manufactured in an ISO 21469 certified facility.

Specifications



CHAIN
CONVEYOR



EXTREME
PRESSURE



FOOD
GRADE



HYDRAULIC



LOW
TEMPERATURE

AW, Anti-corrosion, Anti-oxidation, Anti-foam properties.

Excellent resistance to shear.

Fulfill HLP requirements.

Typical Physical Characteristics

Base oil		Synthetic oil
Colour	Visual	Colourless
Density	ISO 12185	830 Kg/m ³
ISO Grade	ASTM	46
Viscosity index	ISO 2909	> 140
Base oil viscosity at 40°C	ISO 3104	46 cSt
Base oil viscosity at 100°C	ISO 3104	8 cSt
Flash point	ISO 2592	> 210°C
Pour point	ISO 3016	-50°C
4-ball wear scar	ISO 20623	0,35 mm
Copper corrosion (3h/100°C)	ISO 2160	1a
Temperature range, approx. *		-40°C to +135°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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