Foodmax AW 46

Range of multipurpose lubricating oils for the food industry

Description

Foodmax AW is formulated using specially selected highly refined base stocks in combination with the latest additive technology. The product is non toxic and suitable for use in applications where incidental contact with food or raw materials during the production is possible or likely. Thanks to its great performance characteristics and carefully chosen additives, Foodmax AW oils can be used in most applications in the manufacturing process in the food production and processing industry.

The Foodmax AW is available in a wide range and is NSF approved.

Applications

General lubrication

The Foodmax AW lubricants can be used for all kinds of general lubrication. For example, for bearings, slides, chains, and small mechanisms, which need a medium pressure oil that provides a clean and non contaminating lubrication. The application is easily done either automatic or by dropping, spraying or manually.

Air tool lubrication

Foodmax AW 22 (ISO VG 22) is perfectly suitable for airline and air tool lubrication. It will protect the pipes from corrosion as well as all the elements and valves of the pneumatic network. The use of Foodmax AW 22 will provide a trouble-free operation. The de-emulsifying characteristics of Foodmax AW 22 provide easy draining of the moisture that is present in compressed air. Foodmax AW 22 is recommended for air lubrication whenever there is a chance that the air will be in contact with food, for example in case of spraying of food additives.

Hydraulic oil

Thanks to its excellent anti wear properties the AW range is used as hydraulic fluid for both power and motion transfer in machinery operated close to food production processes:

- High viscosity index, high temperature behaviour is excellent. Foodmax AW shows rather flat viscosity-temperature curves, which results in a smooth operation in both high and low temperature lubrication
- Low pour point which allows operation at temperatures below < 0 ºC and increased performance in start-up operations
- High shear stability
- Outstanding anti foam properties
- Excellent demulsifying capacity

Conveyor lubrication

In the beverage industry very often a mixture of soap and water is used to lubricate stainless steel conveyors in combination with glass bottles. The soap mixture will give a messy workplace and will stain labels. Foodmax AW 22 has proven to do an excellent job here. Usually, a very small amount is sprayed on the conveyor (almost dry lubrication). Foodmax AW 22 has been approved by DROPSA, beverage equipment supplier for use on the conveyors.

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used as dielectric oil in underwater pumps that are used in drinking water.

Dielectric oil
Foodmax AW fluids possess excellent isolating and dielectric properties. Foodmax AW 68 is amongst others being

Anticorrosive agent
Foodmax AW can be used as light anticorrosive protector of metal surfaces which might be in contact with food products. Examples are wires for canned meat sealing, conveyor or slides in manufacturing equipment and handling food packaging. Foodmax AW can also be used to clean and polish stainless steel.

Typical performance data

	AW 46
Density @ 20 °C, g/ml	0.850
Viscosity @ 40 ºC, cSt	46
Viscosity Index	105
Pour point, ºC	-18
Flash point, ºC	210
Acidity index, mg KOH/gr	0.8
Aniline point, ºC	105
Copper corrosion, 3h/100 ºC	1 a
Steel corrosion, distilled water	Pass
De-emulsifying index	40/37/3 (30')
NSF approval	138238
Kosher	Yes
Halal	Yes

All performance data on this Technical Data Sheet are indicative only and can vary during production
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