



TECHNICAL DATA SHEET

AIMOL Foodline AW

Range of multipurpose lubricating oils for the food and pharmaceutical industries

DESCRIPTION

AIMOL Foodline 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, AIMOL Foodline AW oils can be used in most applications in the manufacturing process in the food or pharmaceutical industries. AIMOL Foodline AW is available in a wide range and satisfy NSF and InS H-1 requirements.

APPLICATIONS

General lubrication

AIMOL Foodline 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

AIMOL Foodline AW (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 AIMOL Foodline AW will provide a trouble free operation. The de-emulsifying characteristics of AIMOL Foodline AW provide easy draining of the moisture that is present in compressed air. AIMOL Foodline AW 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 or pharmaceuticals production processes:

- ◆ High viscosity index, high temperature behaviour is excellent. AIMOL Foodline 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 $< 0^{\circ}\text{C}$ 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. AIMOL Foodline AW has proven to do an excellent job here. Usually a very small amount is sprayed on the conveyor (almost dry lubrication). AIMOL Foodline AW has been approved by DROPSA, beverage equipment supplier for use on the conveyors.



Dielectric oil

AIMOL Foodline AW fluids possess excellent isolating and dielectric properties. AIMOL Foodline AW 68 is amongst others being used as dielectric oil in underwater pumps that are used in drinking water.

Anticorrosive agent

AIMOL Foodline 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. AIMOL Foodline AW can also be used to clean and polish stainless steel.



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TYPICAL FIGURES

Parameter	AW 22	AW 32	AW 46	AW 68	AW 100
Density @ 20 °C, g/ml	0,842	0,864	0,850	0,865	0,870
Viscosity @ 40 °C, cSt	22	32	46	68	100
Viscosity Index	105	105	105	105	100
Pour point, °C	-24	-24	-21	-21	- 21
Flash point, °C	165	170	180	200	215
Acidity index, mg KOH/gr	0,8	0,8	0,8	0,8	0,8
Aniline point, °C	105	105	105	105	105
Copper corrosion, 3h/100 °C	1 a	1 a	1 a	1 a	1 a
Steel corrosion, distilled water	Pass	Pass	Pass	Pass	Pass
De-emulsifying index	40/37/3 (30')	40/37/3 (30')	40/37/3 (30')	40/37/3 (30')	40/37/3 (30')
InS H-1 requirements	Yes	Yes	Yes	Yes	Yes
NSF H-1 requirements	Yes	Yes	Yes	Yes	Yes
Kosher requirements	Yes	Yes	Yes	Yes	Yes

TECHNICAL DATA INFO LINE

Should you require additional information or advice on AIMOL products, please contact us as per the details below.

HEALTH AND SAFETY

AIMOL Foodline AW has no adverse health effects provided it is used as directed.

Typical figures as indicated may vary per production cycle and can change at manufacturers' option. Specifications, however, are guaranteed. Because of continuous product research and development, the information within this data sheet is subject to change without any notification. Although every effort is made to ensure accurate information, A.I.M. bv accepts no liability for any loss or damage suffered caused by the incorrectness and/or incompleteness of this text, and as a result of using this product for any application other than explicitly stated in this data sheet.