



Foodmax AW PAO 46

Synthetic oils for the food industry

Description

Foodmax AW PAO is formulated using specially selected synthetic base stocks in combination with the latest additive technology. Foodmax AW PAO is essentially non toxic, making it suitable for applications where incidental contact with food or raw materials during the production is possible. Thanks to its great performance characteristics and versatility, Foodmax AW PAO oils can be used in most applications in the manufacturing process in the food production and processing industry.

Applications

Hydraulic oil

Due to their excellent anti wear properties, they are used as hydraulic fluid for both power and motion transfer in machinery operated close to the food production process. Besides the neutral character to health, they have the following benefits:

- Thanks to the high viscosity index, the high and low temperature behavior is excellent. Foodmax AW PAO shows rather flat viscosity-temperature curves, which results in a smooth operation on both the high temperature and the low temperature side
- The excellent low temperature characteristics makes Foodmax AW PAO very suitable for hydraulic

equipment operated in for example cooling and freezing houses

- Low pour point, which allows operation at temperatures below $< 0^{\circ}\text{C}$, therefore highly recommended for equipment that operates under start-stop conditions
- High stability to viscosity loss due to shearing
- Outstanding anti foam characteristics and good de-aeration
- A very good water demulsifying capacity
- Wide range of viscosities for practically all hydraulic requirements

General lubrication

The Foodmax AW PAO lubricants can be used for all sorts of general lubrication. For example, for bearings, slides, chains, and small mechanisms which need a high-performance oil providing a clean and non-contaminating lubrication. Easy application by either automatic or by dropping, spraying, wick, or manual.

Anti-corrosive protection

Foodmax AW PAO can be used as light anti-corrosive protector of metallic material which might be in contact with food products such as wire for canned meat sealing, conveyor, or slides in e.g. manufacturing equipment and handling of metallic cans.



Typical Performance Data

	Test Method	46
Viscosity Grade	ISO 3448	46
Density @ 15 °C	ASTM-D1298	0.83
Viscosity @ 40 °C, cSt	ASTM-D445	42-50
Viscosity @ 100 °C, cSt	ASTM-D445	7.9
Viscosity Index	ASTM-D2270	>135
Pour Point, °C	ASTM-D97	< -55
Flash Point, °C	ASTM-D92	265

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