

FOODMAX AW PAO 100 PREMIUM

Product code: 264001801

Synthetic oils for the food industry

This product is formulated using specially selected synthetic base stocks in combination with the latest additive technology. It is essentially non toxic, making it suitable for applications where incidental contact with food or raw materials during production is possible. Thanks to its great performance characteristics and versatility, the product oils can be used in most applications in the manufacturing process in the food production, paper & pulp and processing industry. The product has been developed together with the world's leading paper industry companies and service operators.

Hydraulic Oil

Due to the excellent anti-wear properties, this product can be 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 offer the following benefits:

- Thanks to the high viscosity index, the high and low temperature behavior is excellent. This product shows rather flat viscosity-temperature curves, which results in smooth operation on both the high and low temperature sides
- The excellent low-temperature characteristics make it very suitable for hydraulic equipment operated in, for example, cooling and freezing houses
- Low pour point, allowing operation at temperatures below 0°C, making it highly recommended for equipment that operates under start-stop conditions
- High stability to viscosity loss due to shearing
- Outstanding anti-foam characteristics and good deaeration
- Very good water demulsifying capacity
- Wide range of viscosities for practically all hydraulic requirements
- Lower friction in comparison to mineral-based oils, resulting in lower energy consumption.
- Contributes to a lower carbon footprint
- Rested with UV tracer for camera detection configurations and other tracking devices to trace hydraulic leakages

General Lubrication

These lubricants can be used for all sorts of general lubrication. For example, they are suitable for bearings, slides, chains, and small mechanisms that need a high-performance oil providing clean and non-contaminating lubrication. They can be easily applied by automatic systems, or manually by dropping, spraying, wick, or other methods.

Anti-Corrosive Protection

It can also be used as a light anti-corrosive protector of metallic materials that might come into contact with food products, such as wire for canned meat sealing, conveyors, or slides in manufacturing equipment handling metallic cans.

Performance criteria

DIN 51524 HVLP

Typical Performance Data

Property	Test Method	Value
ISO Viscosity Grade	ISO 3448	100
Density @ 15 °C, kg/dm ³	ASTM D1298	0.83
Viscosity @ 40 °C, mm ² /s	ASTM D445	90-110
Viscosity @ 100 °C, mm ² /s	ASTM D445	13.2
Viscosity index	ASTM D2270	>130
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.