

FOODMAX AW PAO 46 PREMIUM

Product code: 264001201

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 nontoxic, 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 and processing industry. The product has been developed together with the world's leading paper industry companies and service operators.

Applications

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. This product 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 this product very suitable for hydraulic equipment operated in for example cooling and freezing houses
- Low pour point, which allows operation at temperatures below $< 0\text{ }^{\circ}\text{C}$, 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
- Rested with UV tracer for camera detection configurations and other tracking devices to trace hydraulic leakages

Typical Performance Data

| Typical | Test Method | Value |
|-------------------------|-------------|--------------------|
| Colour | | Fluorescent yellow |
| 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.