

PRODUCT DATA SHEET

PRODUCT NAME :PAO FG HYDRAULIC OILS

PRODUCT CODE FF176A

NSF Registered H1/ INS Registered H1

FOOD GRADE HD HYDRAULIC OILS are a food grade, non-toxic oil developed for hydraulic systems used in food, drink and pharmaceutical processing and packaging equipment working under exceptional load and/or when extended lubricant life is required. This PAO based product is designed to offer the ultimate in hydraulic fluid efficiency and long life in the most arduous of conditions.

In addition due to the wide operating temperature range and exceptional lubricating properties of FF176 PAO, this product may also be used to lubricate chains and other equipment including slides and guides operating at extremes of temperature and/or high loads, and offers superb protection for all types of compressor including; reciprocating, screw and vane types.

COST SAVING BENEFITS

1. Low friction coefficient provides excellent lubrication and reduces wear
2. Superb anti-corrosion performance, greatly extends component life
3. Fully synthetic oil provides extremely wide temperature stability and ensures greatly extended servicing intervals (-45oC to +250oC)
4. Extremely low foaming formula, improves power and efficiency
5. Reduces varnishing residue and scum build-up, which extends maintenance intervals
6. Exceptionally water resistant, eliminates emulsification of oil.

METHOD OF APPLICATION

FOOD GRADE HD PAO HYDRAULIC OILS are suitable for hydraulic systems designed to operate in applications where ISO 32 to ISO 100 oil viscosities are used. Follow manufacturer's instructions.

It is important to purge the system of the previous oil prior to recharging with FOOD GRADE PAO HD HYDRAULIC OIL.

TYPICAL PHYSICAL CHARACTERISTICS

	PAO HYDRAULIC OIL 32	PAO HYDRAULIC OIL 100
Appearance	Clear fluid	Clear fluid
Base Fluid	Polyalphaolefin	Polyalphaolefin
Viscosity	ISO grade 46	ISO grade 100
Temperature range:	-45°C to +210C	-45°C to +220°C
Viscosity Index	140	145
Pour Point	-55 °C	-45 °C
FZG gear test	12+	12+
Flash point	>260 °C	>260 °C

All ingredients are FDA listed FOOD GRADE PAO HD HYDRAULIC OIL are NSF H1 registered and meet the USDA 1998 H1 Guidelines.

NSF Registration 130675

All ingredients are FDA listed FOOD GRADE PAO HD HYDRAULIC OIL is INS H1 Registered and meets the USDA 1998 H1 guidelines.

INS Registration No. 1794765

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These products contain no genetically modified ingredients and do not contain any nut oil or nut derivatives.



LIMITED WARRANTY MDS Europe Ltd makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in MDS Europe Ltd. materials and workmanship. This limited Express Warranty is in lieu of any other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of MDS Europe Ltd. The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and MDS Europe Ltd. shall not be liable for incidental or consequential damages.

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