Lubricants for industry.

Blamedol MF

Nonfood Compounds H1

SH/HAL/OA-276

Kosher Parve

White medical lubricant with multifunctional properties.

Use

- Moeve Blamedol MF is formulated with medicinal white lubricants, poly-isobutenes, and additives approved by the FDA (Food & Drug Administration).
- Recommended for applications with possible accidental contact with food.
- Suitable for use in the pharmaceutical, textile, cosmetic, and other industries that require NSF compliance, category H1.
- Depending on the application the product will be used in, a specific ISO grade is recommended:
  - ISO grades 46-150 are recommended for high-pressure hydraulic applications where anti-wear hydraulic fluids are required.
  - ISO grades 68-460 are recommended for gears under a closed sump, subjected to constant or intermittent efforts.
  - ISO grades 46-150 are recommended for use in reciprocating or rotary compressors, handling air or inert gases operating under severe or normal conditions.

Benefits

- Products compatible with mineral oils.
- High anti-rust and anti-wear properties.
- Non-toxic. Neutral flavor and taste.
- Free from MOAHs (Mineral Oil Aromatic Hydrocarbon).

Specifications

- NSF Nonfood Compounds Registration (H1)
- FDA 21 CFR 178.3620 (b)
- DIN 51524-2 (HLP)
- DIN 51517-3 (CLP)
- DIN 51506 (VDL)
- Halal license SH/HAL/OA-276
- Kosher license

Physical and chemical properties

Parameter	Units	Method	Blamedol MF					
ISO Grade	**-**	**-**	**46**	**68**	**150**	**220**	**320**	**460**
Color	-	ASTM D-1500	0.5	0.5	0.5	0.5	0.5	0.5
Density at 20°C	kg/l	ASTM D-1298	0.865	0.870	0.870	0.889	0.870	0.880
Viscosity at 40°C	cSt	ASTM D-445	48	72	141	227	304	440
Viscosity Index	-	ASTM D-2270	105	105	105	105	105	105
V/A flash point	°C	ASTM D-92	210	210	220	225	230	230
Pour Point	°C	ASTM D-97	-15	-12	-10	-10	-10	-10
Copper Corrosion	-	ASTM D-130	1 a	1 a	1 a	1 a	1 a	1 a
4-Ball test:	-	-	-	-	-	-	-	-
Welding Load	kg	ASTM D-2783	200	200	200	200	200	200
Footprint Diameter	mm	ASTM D-4172	0.35	0.4 0.4	0.40	0.4	0.4	0.4
FZG test, Minimum stage	-	DIN 51354	12	12	12	12	12	12

Health & safety and environment

A Material Safety Data Sheet providing information on product hazards, handling precautions, first aid measures, and relevant environmental data is available for this product as per applicable legislation.

The typical values of the characteristics appearing in the table are average values given for guidance purposes only and do not constitute a guarantee. These values may be modified without any prior warning.