

Lubricants for industry.

Blamedol MF



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 Gear SYNT					
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	1a	1a	1a	1a	1a	1a
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	0.4	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.