

DESCRIPTION

BioBlend Multi-Purpose Oil (MPO) is a biobased, high-performance, multi-purpose lubricant designed for commercial, household, and general lubrication applications. Formulated from a plant-based oil, it has inherent cleaning capabilities. It is odor-free, which makes it ideal for use in small, confined spaces. Its excellent lubricity and temperature stability provide smooth mechanical performance and superior anti-wear protection. BioBlend MPO is NSF registered as meeting the guidelines of an H1 product for incidental food contact.

FEATURES & BENEFITS

- Odor free
- Low toxicity
- Cleans & lubricates
- Protects against rust and corrosion
- Reduces wear and friction
- Displaces moisture
- Excellent temperature stability
- NSF H1 food grade registered

SUITABLE USES

- Oven and conveyer chains
- Wire ropes
- Cables
- Slides
- Open mechanisms
- Hinges
- Bearings
- Rollers
- Gears
- Sprockets
- And other commercial, household, and general lubrication applications

COMPATABILITY

TEXT

APPLICATION / TECHNICAL SUPPORT

Aerosol

- Shake can well before using
- Apply a light coat on parts that need lubrication
- Allow product to “soak in”
- Repeat if necessary

Pail, Drum, Tote:

- Apply a light coat on parts that need lubrication
- Allow product to “soak in”
- Repeat if necessary
- If older than 18 months, some agitation of the product may be necessary to maintain optimal effectiveness
- **Technical Support** - If you have further questions, please fill out contact form on **bioblend.com** and one of our team will contact you to review your question(s)

APPROVALS / CERTIFICATIONS

- eSyn Certified
- NSF H1 – Registered - #141200
- USDA BioPreferred – 81%
- Classified as environmentally acceptable lubricants (EAL's) as per EPA standards for biodegradability, toxicity and bioaccumulation in aquatic environments

PACKAGE SIZES

- 11 OZ Aerosol (box of 12)
- 5 Gallon Pails
- 55 Gallon Drums
- 275 Gallon Totes
- Bulk

STORAGE

Keep in a cool, dry and well-ventilated place. Store in a properly labelled, original container. Containers which are opened must be carefully resealed and kept upright to prevent leakage. To help maintain product quality, do not store in heat or direct sunlight.

CAUTIONS

Ensure adequate ventilation. Do not breathe vapor/dust. Use personal protective equipment and avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. See the safety data sheet (SDS) for emergency, proper handling, and disposal information. **KEEP OUT OF THE REACH OF CHILDREN.**

AVAILABILITY

Worldwide

TYPICAL PROPERTIES

Technical Properties	ASTM Test Method	MPO
Product Code		BBMPO
ISO Grade		28
Specific Gravity	ASTM D1298	0.98
Viscosity @40°C, cSt	ASTM D445	28
Viscosity @100°C, cSt	ASTM D445	6.5
Viscosity Index (VI)	ASTM D2270	197
Performance Properties		
Pour Point °F (°C)	ASTM D97	0 (-18)
Flash Point °F (°C)	ASTM D92	>350 (177)
4 Ball Wear, Scar, mm	ASTM D4172	.40
Corrosion Protection	ASTM D665A	Pass
Copper Corrosion	ASTM D4048	1A
Readily Biodegradable (meaning>60%)		Pass
Biodegradability	OECD 301B	>73
Minimally Toxic		Pass
Algae (EC 50), 72 hr, mg/L	OECD 201	>59,000
Daphnia (EC 50), 48 hr, mg/L	OECD 202	>58,000
Fish (LC 50), 96 hr, mg/L	OECD 203	>87,000
Not Bioaccumulative (Calculated value as per EPA standard)		Pass
Bio-based Content, %	ASTM D6866	>76

The values quoted above are typical of normal production. They do not constitute a specification.

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APPROVALS / CERTIFICATIONS LOGOS

