

DESCRIPTION

BioGear FS 75W-90 Synthetic Gear Oil is a premium readily biodegradable gear oil uniquely formulated for best-in-class performance in extreme heavy-duty applications. With its superior viscosity index, it maintains a long-lasting barrier protection against metal-to-metal contact.

FEATURES & BENEFITS

- Advanced wear protection
- High viscosity index
- Protects against rust and corrosion
- Superior cold-weather protection
- Shear resistant synthetic base oil
- Doesn't form deposits in oxidation tests

SUITABLE USES

Any gear application where the following specs should be met or exceeded:

- API Service GL-5 and MT-1
- AIST 224 (Formerly US Steel 224)
- AGMA 9005-E02
- Cincinnati Machine
- DIN 51517:3
- Mack GO-J
- SAE J2360 (Formerly MIL PRF-2105E)

APPLICATION / TECHNICAL SUPPORT

- Follow recommendations provided in your equipment owner's manual
- Follow your organization's best practices for preparation, cleaning, conversion, application, and ongoing maintenance practices
- **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
- Classified as environmentally acceptable lubricants (EAL's) as per EPA standards for biodegradability, toxicity and bioaccumulation in aquatic environments

PACKAGE SIZES

- 5 Gal Pail
- 55 Gal Drum
- 275 Gal Tote

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.

AVAILABILITY

Worldwide

TYPICAL PROPERTIES

Technical Properties	Test Method	FS 75W-90
Product Code		BGFS7590
SAE Grade		75W-90
Density @ 15.6 C, kg/l	ASTM D4052	0.86
Viscosity @40°C, cSt	ASTM D445	120
Viscosity @100°C, cSt	ASTM D445	15.9
Viscosity Index (VI)	ASTM D2270	>140
Brookfield Viscosity @-36°C		<30,000
Performance Properties		
Pour Point °F (°C)	ASTM D97	-36 (-38)
Flash Point °F (°C)	ASTM D92	401 (205)
Foam Test	ASTM D892	Pass
Gear Lubrication, FZG Load Stage	DIN 51354-2	>12
Corrosion Protection	ASTM D665A	Pass
Copper Corrosion	ASTM D4048	1B
Readily Biodegradable (meaning>60%)	>60%	Pass

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

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APPROVALS / CERTIFICATIONS LOGOS

