

# HonuBio S 75W-90

(Synthetic GL-5 gear Oil)



Next Generation Sustainable Lubrication Technologies

## PRODUCT NAME

**HonuBio Gear S**  
(Biodegradable Synthetic Gear Oil)

## MANUFACTURER

Honu Eco Sustainable Solutions, Inc.  
200 Mayfly Way  
Simpsonville, South Carolina 29680

## DESCRIPTION

HonuBio S 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 AND BENEFITS

- Advanced wear protection
- High viscosity index
- Protects against rust and corrosion
- Superior cold-weather protection
- Shear resistant synthetic base oil
- Classified as Environmentally Acceptable Lubricants (EAL's) as per the EPA's 2013 U.S. Vessel General Permit (VGP)
- Doesn't form deposits in oxidation tests

## PACKAGING

- 5 Gallon Pails
- 55 Gallon Drums
- 275 Gallon Totes

## 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)

## APPROVALS / CERTIFICATIONS

- Classified as Environmentally Acceptable Lubricants (EAL's) as per the EPA's guidance document that defines standards for Environmentally Acceptable Lubricants (EPA 800-R-11-002) and as required by EPA's 2013 U.S. Vessel General Permit (VGP)

## APPLICATION

- Follow recommendations provided in your equipment's owner's manual
- Follow your organization's manuals and/or best practices for preparation, cleaning, conversion, application and ongoing maintenance practices
- If you have further questions, please contact Honu Eco Tech Services by filling out the contact us form on [honueco.com](http://honueco.com)

## STORAGE AND SHELF LIFE

**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. **Shelf Life** - Product shelf life is 24 months from date of packaging. In some cases product can last longer, please contact your Honu Eco representative

## 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. Intentional misuse by concentrating and inhaling the product can be harmful or fatal.

## AVAILABILITY

- Worldwide

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## Typical Properties

Properties	ASTM Test Method	S 75W-90
Product Code		HBGS75W90
SAE Grade		75W-90
Density @ 15.6 C, kg/l	D1298	0.86
Viscosity D445 @40°C, cSt	D445	120
Viscosity D445 @100°C, cSt	D445	15.9
Viscosity Index	D2270	>140
Flash Point °C	D92	205
Pour Point °C	D97	-38
Brookfield Viscosity @-36°C		<30,000
Foam Test	D892	Pass
Gear Lubrication, FZG Load Stage	DIN 51354-2	>12
Corrosion Protection	D665A	Pass
Copper Corrosion	D4048	1B
Readily Biodegradable (meaning>60%)		Pass

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