

## DESCRIPTION

BioGrease HDS XT is a biodegradable, synthetic blend, lithium-complex grease formulated to provide high film strength, withstand high operating temperatures, and maintain excellent stability. BioGrease HDS XT features a high viscosity base oil for high load carrying capabilities. BioGrease HDS XT also has excellent anti-wear, enhanced water washout properties, and high temperature stability. It is designed for heavy-duty use in a variety of industrial, mobile, and marine applications.

## FEATURES & BENEFITS

- Excellent resistance to water washout and spray off
- Great protection against wear and corrosion
- High film strength for extreme pressure, heavy loads and high temperatures
- Exceptional high viscosity base oil for enhanced stability in application
- Extra tacky to fight “fling off” in high moisture applications

## SUITABLE USES

Any industry (dredging/general marine, hydroelectric powered dams, construction, refuse, mining, agriculture, oil & gas, plant operations, etc.) utilizing equipment with a need for a highly tacky, heavy duty grease, especially systems where a release into the environment is possible or where a leak or spill could reach a waste stream. This product contains proprietary tackifier additives that make it ideal for marine construction, pins, bushings, and sheave applications.

## 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](http://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 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)
- Ingredients are LuSC listed and meet requirements for Ecolabel

## PACKAGE SIZES

- 3 x 10 Pack Cartridges
- 35 LB Pail
- 120 LB Keg
- 400 LB Drum

## 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	HDS XT 1	HDS XT 2
Product Code		BGHDSXT1	BGHDSXT2
NLGI Grade		1	2
Appearance		Natural/Amber	Natural/Amber
Base Oil Viscosity @ 40°C, cSt	ASTM D445	255	320
Base Oil Viscosity @ 100°C, cSt	ASTM D445	34	77
Viscosity Index, Base Oil	ASTM D2270	178	194
Unworked Penetration	ASTM D217	324	276
Performance Properties			
Worked Penetration – 60 Strokes	ASTM D217	331	269
Dropping Point, °F (°C)	ASTM D2265	363 (184)	367 (186)
Four Ball Wear, mm	ASTM D2266	0.50	0.47
Four Ball Weld, Kg	-	400	400
Water Washout, 79°C (% loss)	ASTM D1264	< 10	< 5
Water Spray Off, 100°F (% loss)	ASTM D4049	< 30	< 10
Copper Corrosion	ASTM D4048	1b	1b

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

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## APPROVALS / CERTIFICATIONS LOGOS

