

PRODUCT NAME

BioGrease ALC XT 2 – Biodegradable Aluminum Complex Extra-Tacky Grease, NLGI 2

MANUFACTURER

BioBlend Renewable Resources, LLC.
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DESCRIPTION

BioGrease ALC XT 2 is a biodegradable, minimally toxic, aluminum complex grease formulated to provide high film strength, withstand high operating temperatures, and maintain excellent stability. BioGrease ALC XT 2 features a high viscosity base oil for high load carrying capabilities. BioGrease ALC XT 2 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 AND BENEFITS

- Extra tacky formulation
- Excellent anti-wear properties
- Enhanced water washout properties
- High viscosity for high load carrying capabilities
- Ideal for protection from salt spray
- Prevents rust and corrosion

PACKAGING

- 35 Lb Pails
- 120 Lb Kegs
- 400 Lb Drums
- Totes

SUITABLE USES

- This product contains proprietary tackifier additives that make it ideal for dredging, marine, construction - pins, bushings, spud rails and sheave applications
- Any industry (dredging, marine, hydroelectric powered dams, construction, refuse, mining, agriculture, plant operations, etc.) utilizing equipment with a need for an aluminum complex tacky grease, especially in systems where a release into the environment is possible or where a leak or spill could reach a waste stream

COMPATIBILITY

- **Compatibility for Intended Equipment –** Usage in equipment that needs a general purpose / EP grease with a higher base oil viscosity (220 cSt)

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 BioBlend representative for proper testing and confirmation instructions.

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.

APPLICATION

- Follow recommendations provided in your equipment 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 BioBlend Tech Services by filling out the contact us form on bioblend.com

AVAILABILITY

Worldwide

TECHNICAL SERVICES

For additional information including the Safety Data Sheet (SDS), Frequently Asked Questions, and Glossary please visit bioblend.com.

APPROVALS AND 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)

TYPICAL PROPERTIES

Property	Test Method	ALC XT 2
Product Code		BGALCXT2
NLGI Grade		2
Base Oil Type		ISO 220
Appearance		Golden-Brown
Cone Penetration, Unworked		265 - 295
Dropping Point, °C		>240
Base Oil Viscosity at 40°C, cSt		220
Base Oil Viscosity at 100°C, cSt		36
Base Oil Viscosity Index		214
Water Washout % @ 79°C	ASTM D1264	3.35
Oil Separation		<10%
Base Oil Flash Point, °C (°F)		326 (619)
Base Oil Biodegradability	OECD 301	PASS
Base Oil Aquatic Toxicity	OECD 202	Non-Toxic
Base Oil Plant Toxicity	OECD 208	Non-Toxic

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

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