

Alugrease® Super

HIGH PERFORMANCE SYNTHETIC LUBRICANT GREASE

Description

Alugrease® Super is a lubricant grease thickened with complex lithium and formulated with synthetic base oils, designed for speed bearings operating even at high working temperatures and under extreme pressure conditions.

High quality synthetic base oils and selected additives ensure high anti-wear and anti-corrosion properties and low friction coefficient, delivering significant energy savings.

Alugrease® Super owns excellent oxidation and water resistance, high thermal stability and high EP properties, as well as a high dropping point, which guarantees the usage over a wide range of temperatures.

Alugrease® Super has a long life in service and ensures significant maintenance costs reduction.

Features

- ✓ **High oxidation resistance and thermal stability**, to ensure long life in service, to prevent residues formation and to give the product longer life, reducing consumption.
- ✓ **High drop point**, which allows the grease to operate also at high temperatures.
- ✓ **High EP properties and load resistance** to guarantee high performance even in presence of high pressures.
- ✓ **High anti-wear, anti-rust and anti-corrosion properties**, to ensure protection to all components.
- ✓ **High water-resistance**, to protect mechanisms operating in environments with a strong presence of water and humidity.
- ✓ **Good adhesivity**, which guarantees proper lubrication even in the presence of stress and vibrations.
- ✓ **Low friction coefficient**, to minimize energy consumption.

Main Uses

Alugrease® Super is designed for the lubrication of mechanical parts operating at high temperatures, such as :

- Smooth and fast rolling bearings
- Bearings of fan heaters
- Continuous cast steel segment roller bearings
- Hot drawing frame rolls
- Ovens timers
- Supports for throttle valves of steam turbines
- Coke oven gas reversal taps
- Precision mechanisms
- High speed electromotors

Specifications

ISO 6743-9

L-XBFEA 00

L-XBGEA 0

L-XBGEA 1

L-XBGEA 2

L-XBGEA 3

DIN 51825 / 51502

KP 00 R-20

KP 0 S-20

KP 1 S-20

KP 2 T-20

KP 3 T-20

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Technical Data

	Method	Units	Typical Value				
			00	0	1	2	3
NLGI Consistency	ASTM D 217	-	00	0	1	2	3
Colour	-	-	Ivory White				
Appearance	-	-	Smooth Homogeneous				
Thickener Nature	-	-	Lithium Complex				
Base oil viscosity at 40°C	ASTM D 445	mm ² /s	120	120	120	120	120
Pour Point	ASTM D 566	°C	> 220	> 250	> 250	> 275	> 275
Oil separation	ASTM D 1742	%	3	3	2	2	2
4 Ball Wear Diameter	ASTM D 2266	mm	0,40	0,40	0,40	0,40	0,40
4 Ball Welding Load	ASTM D 2596	Kg	250	250	250	250	250

- **Alugrease® Super** suggested thermal range usage :
 - NLGI 00 : -25 ÷ 180 °C
 - NLGI 0 e 1 : -25 ÷ 200 °C
 - NLGI 2 e 3 : -25 ÷ 220 °C
- **Alugrease® Super** : to be applied on well-cleaned parts, free from other lubricants or protective substances.
- **Alugrease® Super** is compatible and miscible with greases formulated with the same thickener (Complex Lithium) and with mineral and/or synthetic oils except those based on polyalkylene glycols (PAG). Furthermore, given the compatibility between oils, in case of a different thickener, it is possible to replace the previous one by applying proper precautions.
- **Alugrease® Super** is compatible with the most common types of seals and paints used in components to lubricate.
- Store the product in its closed original container in a protected area and not exposed to sunlight and rain.
- **Aluchem** owns the following certifications: UNI EN ISO 9001:2015, KOSHER, HALAL.

Product Tiering: Top

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