



# Alubio Grease HV

## BIODEGRADABLE SYNTHETIC LUBRICANT GREASE

### Description

*Alubio Grease HV* is a very high-performance biodegradable synthetic lubricant grease, formulated for the lubrication of bearings and various mechanisms operating where accidental product leakage could be a problem for the environment.

*Alubio Grease HV* fully satisfies the biodegradability tests according to OECD Methods 301B and CEC-L-33-A-93.

*Alubio Grease HV* is formulated with high-viscosity synthetic base oils and carefully selected additives, which give the product excellent lubricating power, good load resistance, good adhesiveness, and excellent water resistance, in order to minimize rust and corrosion phenomena.

Base oils nature and correct additives ensure not only a truly biodegradable product, but also a long life in service, delivering a significant reduction in management and maintenance costs.

### Features

- ✓ **Biodegradable**, according to the strict OECD 301B method, to significantly reduce environmental risks caused by accidental leaks or drips.
- ✓ **Excellent water resistance**, to protect mechanisms operating in environments with a strong presence of water and humidity.
- ✓ **Excellent adhesion**, which guarantees proper lubrication even in presence of stresses and vibrations.
- ✓ **Good loads resistance**, to guarantee excellent performance even in presence of high pressures.
- ✓ **Excellent oxidation resistance and thermal stability**, which ensure long life in service and prevent deposits.

### Main Uses

*Alubio Grease HV* is indicated for the general lubrication of mechanisms operating in environmentally hazardous conditions, in particular roller and plain bearings, even in presence of heavy loads.

### Classifications

#### ISO 6743-9

L-XBCHB 0

L-XBDHB 1

L-XBDHB 2

#### DIN 51825 / 51502

KP 0 M-20

KP 1 N-20

KP 2 N-20

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# Technical Data

	Method	Units	Typical Values		
			0	1	2
NLGI Consistency	ASTM D 217	-	0	1	2
Color	-	-	Brown		
Appearance	-	-	Smooth and homogeneous		
Thickener Nature	-	-	Lithium		
Base Oil Viscosity at 40°C	ASTM D 445	mm <sup>2</sup> /s	460	460	460
Drop Point	ASTM D 566	°C	> 180	> 180	> 180
Oil Separation	ASTM D 1742	%	< 2	< 1	< 1
Biodegradability	OECD 301 B	-	Biodegradable		
Welding Load – 4 Balls	ASTM D 2596	Kg	350	350	350

- **Alubio Grease HV** suggested usage thermal range : from -25 up to 150 °C.
- **Alubio Grease HV** is fully compatible and mixable with other greases formulated with the same thickener (Lithium) and/or synthetic oils except polyalkylene glycols (PAG). Furthermore, given the compatibility amongst base oils, in case of different thickeners, it is possible to replace the grease by adopting proper precautions.
- **Alubio Grease HV** is compatible with seals and paints generally present in components to be lubricated.
- 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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