

## DESCRIPTION

Multi purpose extreme pressure biodegradable lithium/calcium grease.

## APPLICATIONS

- **BIOMULTIS SEP 2** is recommended for lubricating all equipment working under difficult conditions of temperature, humidity or pressure.
- **BIOMULTIS SEP 2** is a multipurpose grease specially formulated for lubricating bearings and smooth journals working under high loads, gearing, racks and reduction drives exposed to shocks, vibration or water flushing.
- **BIOMULTIS SEP 2** was developed for once-through lubrication in situations where there are environmental constraints.
- It is better to use a pneumatic pump or cartridge system for greasing.

## PROPERTIES

- Thanks to its complex formula **BIOMULTIS SEP 2** meets the lubrication requirements of many systems. Its potential applications are so varied that maintenance can be rationalized and simplified.
- Satisfies and exceeds the requirements of most manufacturers.
- The lubricant film has very good adhesion and resists to water, temperature changes and pollution.
- Can lead to lower maintenance costs.
- Miscible with most conventional greases.

## SPECIFICATIONS

- ISO 6743-9: L-XDDEB 2
- DIN 51502: KPE2N-40

## CHARACTERISTICS

CHARACTERISTICS	METHODS	UNITS	BIOMULTIS SEP 2
Soap/thickener		-	Lithium/Calcium
NLGI Grade	ASTM D217/DIN 51818	-	2
Color, visual		-	Glazy brown
Appearance, visual		-	Smooth
Operating temperature range		°C	- 35 to 150
Penetration at 25°C	ASTM D217/DIN51818	0.1 mm	265 - 295
Four ball weld load	DIN 51350-4	daN	260 - 280
Anti-rust performance SKF-MECOR	DIN51802/IP220/NFT60-135/ISO11007	Rating	0 – 0
Dropping point	IP396/DIN ISO 2176	°C	> 190
Kinematic viscosity of the base oil at 40°C	ASTM D 445/DIN51562-1/ISO3104/IP71	mm <sup>2</sup> /s (cSt)	55
Biodegradability	OECD301B	%	> 60

Characteristics of this chart are indicative typical values

## *HANDLING, HEALTH AND SAFETY*

**BIOMULTIS SEP 2** grease contains synthetic base oil with additives.

In normal conditions of use, these lubricants present no particular toxic hazard.

All lubricants, of any kind, should always be handled with great care, particularly avoiding any contact with the skin.

Prevent any risk of splashing, and keep away from combustible materials.

Store under cover and away from any risk of contamination.

A safety data sheet complying with current legislation is available on [www. quickfds.com](http://www.quickfds.com) or [www.lubmarine.com](http://www.lubmarine.com).

The values shown above are typical values at the date of publication. TOTAL Lubmarine reserves the right to change these typical values without prior notice.



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