

BioMERKAN EP 0



Grease



Biodegradable water resistant semi-fluid calcium grease.

APPLICATIONS

Recommendation

- **BioMERKAN EP 0** is a semi-fluid extreme-pressure grease with a vegetable oil and environmentally friendly additives.
- **BioMERKAN EP 0** is a multi-purpose grease recommended for lubrication in environmentally sensitive areas and for applications where water is in frequent contact with the grease.
- Always avoid contamination of the grease by dust and/or dirt when applying. Thanks to the semi-fluid consistence, **BioMERKAN EP 0** can be applied by brush or used in a centralized lubricating system.

SPECIFICATIONS

- ISO 6743-9: L-XBEBE0
- DIN 51502 : KP0G-10

ADVANTAGES

Biodegradable

- **BioMERKAN EP 0** is insoluble in water.
- Biodegradability: this environmentally friendly grease can be in direct contact with the ground, its biodegradability helps to protect the ambient and particulary underground water.
- Good mechanical stability and water resistance.
- Excellent antirust properties.
- Extreme pressure / anti wear properties without toxic additives.

TYPICAL CHARACTERISTICS	METHODS	UNITS	BioMERKAN EP 0
Soap/thickener		-	Calcium
Color	Visual	-	Light brown
Appearance	Visual	-	Smooth
Operating temperature range		°C	- 10 + 100
NLGI grade		-	0
Penetration at 25°C	ASTM D 217/DIN51 818	0.1 mm	355 - 385
Four ball weld load	ASTM D 2596	kgf	>=250
Copper corrosion 24h/100 °C	ASTM D 4048	rating	1a
Dropping point	IP 396/NF T 60-102C	°C	140
Biodegradability	CEC-L-33 T82	%	> 80

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
INDUSTRIE

5-11-2013 (supersedes 18/04/2007)

BioMERKAN RS

1/1



This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.

A material safety data sheet conforming to the regulations in use in the E.C. is obtainable via your commercial adviser www.quick-fds.com.