



PROTECTOR BIO CALCIUM EP R2

Description

Grease formulated from biodegradable oils thickened with calcium soap and from specific additives to reduce oxidation, wear and ensure high performance under heavy load conditions.

The calcium thickener also endows it with good surface adherence properties, making this oil an excellent option in applications where this type of lubrication is required in environments where there are a high probability of leaks and heavy loads, and good adherence is essential, whether due to location or to the presence of water.

This grease is specially suitable for reservoir sluice gates, agricultural machinery and forestry work, among other uses.

Properties

- Good performance under heavy load conditions.
- High resistance in humid conditions or in the presence of water.
- Protects against corrosion and wear.

Quality levels, approvals and recommendations

- DIN: 51502 KPFE2E-20

Technical specifications

	UNIT	METHOD	VALUE
Colour		Visual	Yellowish
NLGI consistency	NLGI		2
Type of thickener			Anhydrous calcium
Base oil viscosity at 40 °C	cSt	ASTM D445	200
Penetration, 25 °C, 60 strikes worked	1/10 mm	ASTM D217	273
Dropping point	°C	ASTM D566	150
Copper corrosion		ASTM D4048	1a
Emcor corrosion test		DIN 51802	0
4B wear test (1h/40 kg), scar	mm	ASTM D226	0.45
EP properties 4B,weld point	kg	ASTM D2596	250
Biodegradability - 28 days	%	OECD 301B	>85%

The above mentioned characteristics are typical values and should not be considered product specifications.

