



GREASE BIO

Multi-purpose biodegradable grease

FEATURES

It is a grease based on lithium soaps dispersed in fatty substances of vegetable origin and with biodegradable additives. The absence of mineral oils makes it suitable for the lubrication of machinery used for special processes such as food, cosmetics and pharmaceuticals, and is also safer for the operator. It is characterized by a high EP power (extreme pressures), a good resistance to water washout (hot and cold), a low freezing point and a high drop point (which involves the absence of dripping to high operating temperatures).

It has anti-rust power on the lubricated metal and has a very high resistance to cutting stress; this allows to reduce the thickness variation of the grease layer to a minimum, keeping the lubrication degree constant, especially at the most difficult access points.

GREASE BIO, is ideal for the lubrication of agricultural machinery, for earth moving and in any case for the lubrication of moving parts with heavy loads (various gears, open gearboxes, ball bearings, etc.).

CHEMICAL/PHYSICAL DATA

Physical state	: grease
Color	: amber
Solub. in water	: insoluble
NGLI gradation	: 2
Drop point _(ASTM)	: +180°C
Penetration _(ASTM)	: 265/295

HOW TO USE

The frequency of applications must be implemented according to the indications in the following table:

Range of temperature		Frequency of applications
+20°	+80°C	monthly
+80°	+110°C	fortnightly
+110°	+130°C	weekly

If this is the first application of the grease, the performance of the lubricated system (number of revolutions, temperatures, working hours) must be observed to confirm the above values or make the appropriate modifications.

In any case, the application of **GREASE BIO** must follow the methods used for fat with consistency NGLI 2.