



## APPLICATIONS

**Eni Eco Grease Plus 2** is an 'eco-friendly' grease, readily biodegradable according to OECD 301B method.

It's a multipurpose anhydrous calcium grease formulated with synthetic esters, antirust, antioxidant and EP additives.

**Eni Eco Grease Plus 2** is specifically designed for the lubrication of bearings, chains, wire ropes and components operating in environmentally sensitive areas where contamination of the environment is a risk.

Suitable for the lubrication of components operating in wet and marine environments, ships on-deck applications, harbour lifting cranes, water treatment plants, dams, locks and water ways.

**Eni Eco Grease Plus 2** is also suitable for the lubrication of TBM (Tunnel Boring Machine), of agricultural and marble cutting machines and for railways applications.

## CUSTOMER ADVANTAGES

- Ideal for applications in sensitive areas where it is preferable or mandatory the use of 'eco-friendly' products to respect the environment, thanks to its readily biodegradability according to the OECD 301B method
- It can be used in wet environments and in presence of water thanks to its very good adhesion and water resistance
- High protection against corrosion in wet and marine environments
- Excellent low temperature pumpability
- Very good load carrying capability that contributes to extend the components life
- Longlife grease thanks to its very high mechanical and oxidative stability that contributes to extend the re-greasing intervals

## SPECIFICATIONS - APPROVALS

- Biodegradabilità OECD 301 B: >60%
- DIN 51825 KP 2K -30





- ISO 12924 L-XCCHB 2

## CHARACTERISTICS

Properties	Method	Unit	Typical
Appearance	-	-	smooth textured
Colour	-	-	light brown
Thickener type	-	-	calcio anidro
Consistency (NLGI grade)	ASTM D 217	-	2
Penetration at 60 double stroke	ASTM D 217	dmm	280
Base oil type	-	-	sinetico
Base Oil Viscosity at 40°C	ASTM D 7042	mm <sup>2</sup> /s	220
Dropping point	ASTM D 566	°C	145
EMCOR test in distilled water	IP 220	-	0/0
Copper corrosion	ASTM D 4048	-	1a
Water washout at 38°C	ASTM D 1264	%	2
Timken OK load	ASTM D 2509	lbs	45
4 Balls wear	ASTM D 2266	mm	0.55
4 Balls weld load	ASTM D 2596	daN	>250
Starting Torque Test	ASTM D 1478	mNm	260
Running Torque Test -30°C	ASTM D 1478	mNm	70
Temperature range	-	°C	-35/+120



eni



## WARNINGS

- For information on hygiene and safety aspects of the product, please read the Material Safety Data Sheet.
- Detailed information will be provided by the Eni Technical Assistance service.

