

## GREASES FOR INDUSTRIAL AND MARINE USE

### CEPSA ARGA BIOGREASE

### VGP COMPLIANT BIODEGRADABLE GREASE



#### DESCRIPTION

EAL (environmentally acceptable lubricant) quality premium grease especially developed for applications requiring a biodegradable product that meets VGP 2013 legislation. Its formulation is based on synthetic ester and a special lithium-calcium complex thickening soap with integrated anti-wear properties and extreme pressure ratings. It also contains antioxidants and anticorrosives, as well as an optimised blend of non-metallic solids.

#### PRODUCT APPLICATIONS

- It is the perfect choice for open gears, winches, cranes and forklifts under heavy loads, as well as similar marine applications.
- It is also recommended for use in forestry and mining machines, O.P., water purification plants and other industrial applications.
- It is **not** recommended for use in bearings.
- It is also not recommended for use where uncontrolled grease leaks into the ground or aquifers may occur.
- Adequate for high-pressure centralised greasing systems (> 250 bar)
- Application temperature: -30 to +120°C (max. +130°C)

#### PRODUCT PERFORMANCE

- Extreme load capacity, obtaining shear stability and low friction that reduce the temperature and prolong equipment life.
- High protection against corrosion and rust.
- Excellent resistance to washing with cold or hot water.
- Excellent adhesion, greasiness and lubricity, without accumulation of solid particles, which prevents vibrations.
- Excellent thermal stability.

#### SPECIFICATIONS

- DIN 51502: OGFPE2K-30
- Swedish Standard SS 155470
- EAL grease for VGP 2013 compliance

#### TYPICAL CHARACTERISTICS

CHARACTERISTICS	UNITS	METHOD	CEPSA ARGA BIOGREASE
Nlgi Consistency	---	Astm D 217	2
Colour	---	Visual	Beige
Soap Type	---	---	Lithium-Calcium Complex
Base Oil	---	---	Biodegradable Synthetic Ester
Viscosity At 40°C	Cst	Astm D 7152	700
Drop Point	°C	Ip 396	>260
Application Temperature	°C	---	-30 To 120
Penetration At 60 Hits	0.1 Mm	Iso 2137	265-295
Sea Water Emscor Test	---	Iso 11007	0-0
E.P. (4 Ball Test), Weld Load	Kg	Astm D 2596	620
Biodegradability	%	Oecd 301 B	>60

#### HEALTH & SAFETY AND ENVIRONMENT

Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures together with environmental effects and disposal of used products.