



# AXA CO 1

## DESCRIPTION

**Extreme pressure and high temperature complex Calcium grease.**

## APPLICATIONS

**AXA CO1** is especially designed for the lubrication of applications working under high temperatures and high loads as pellet presses.

**AXA CO1** is suitable for the lubrication bearings, joints, gears, rails, cam systems, seals, etc under high loads.

The range of temperature is -20°C to over 150°C but in the centralized lubrication, **AXA CO1** could be used at 180°C.

## SPECIFICATIONS

ISO 6743-9 : L-XBDHB 1

DIN 51502 : KP1N-20

## ADVANTAGES

**AXA CO1** is insoluble in water, offers a remarkable resistance to water washout

**AXA CO1** have an exceptional adhesion to metal surfaces.

**AXA CO1** have an excellent anti-oxidation and anti-corrosion properties.

**AXA CO1** have a remarkable load resistance thanks to its naturally high extreme pressure and antiwear properties.

**AXA CO1** does not contain lead, or other heavy metals considered harmful to human health and the environment.

## TYPICAL CHARACTERISTICS

TYPICAL CHARACTERISTICS	METHODS	UNITS	AXA CO 1
Appearance			Smooth/tacky
Color			Light brown
Soap/thickener			Calcium complex
Operating temperature range		°C	- 20 / +150
NLGI grade			1
Penetration at 25°C	ASTM D217	1/10 mm	310-340
Dropping point	IP 396	°C	>250
Four ball weld load	ASTM D2596	kgf	620
Kinematic viscosity of the base oil at 40°C	ASTM D 445	mm <sup>2</sup> /s	315

Above characteristics are mean values given as an information.

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](http://www.quick-fds.com).

**TotalEnergies Lubricants**

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