

SUGARPRESS 46K-CS Compound Technology

**Lubrication for Maximum Extreme Pressure, in bearings,
Plain bearings, collars and crowns of sugar cane mills.**



Unique features and Premium quality, is the latest innovation in lubrication "CLEAN, LOW CONSUMPTION AND MAXIMUM RELIABILITY", for lubrication, shaft-bearing sets or bronze bearings of sugar cane grinding cylinders, and crowns of drive controls . Contains an additive "enhanced" package that combines EP technologies of specific design. It promotes low operating temperatures. It ensures a film of extraordinary tenacity and maximum viscosity at high operating temperature of the cargo support area. Its design favors the application in centralized lubrication systems in cold environments...

CHARACTERISTICS AND BENEFITS	APPLICATIONS
• Achieves maximum permanence with great EP capacity, in pressure zones neck / shaft-bearing / bearing, under high specific grinding pressure. • Promotes temperature reduction of the mechanisms. • Great permanence on gear flanks. • Reduce consumption up to 50% Vs high viscosity gels. • Operates at very high temperature due to its thermal Stability. • Great mechanical and chemical stability, allows to resist Washing and minimize or prevent entry of common contaminants such as bagasse, water, juice or guarapo. • High reliability with regard to greases with solid additives, to avoid blockages of pipes or hardening, typical behavior, due to the separation between solid additives, thickener and base oil: bleeding or bleeding. • Supports aqueous contamination of acidic and alkaline pH. Free of solvents and heavy metals, such as Pb, Zn, Hg, etc.. • Miscible with all types of usual tandems lubricants or cane grinding mills.	• The specific design and exclusive technology for application in grinding mills or tandems. • SUGARPRESS 46K-CS Compound effectively lubricates: ° Bearings or bronze bearings and collars of grinding cylinders. ° Crowns or pinions of mill drive. Journal bearing lubricant. ° Plates mirror / sliding upper bearings. ° Bearings of intermediate conductors. <u>Application mode:</u> • In bearings or bearings, through existing centralized lubrication Systems type double line or single line, with easy adaptation of the same . Also by means of manual, pneumatic or electric pumps. • In crowns, by usual pneumatic spray systems. Or because of Its proven simplicity and efficiency, controlled spray Lubrication on upper and / or outboard gear flanks is recommended. This system has proven to be very low operating cost because it does not use air or sprinklers and its maintenance is practically unnecessary. Our technical service advises on this.

STORAGE AND USES

SUGARPRESS 46K-CS Compound, It must be stored in hermetically sealed containers at temperatures between -15 ° C and + 70 ° C, avoiding direct sunlight and direct sunlight. It is recommended to use the product within 5 years from the date of manufacture and / or within 2 years from the opening of the container.

TECHNICAL CHARACTERISTICS

TEST / PROPERTY	METHOD	Typical Values
Color/texture	VISUAL	amber / soft, semi-fluid, sticky
Prevention of Oxide	ASTM D-1743	Passes
Viscosity of the oil in cSt at 100 °C.	ASTM D- 445	+ 4000
Corrosion in Cu foil	ASTM D- 130	1A
Four Balls EP Welding Load, kg. extended	ASTM D-2783	1100
Four Balls, Wear, Mark in mm.	ASTM D-2266	0,40
Pumpability in Lincoln Ventmeter test @ 30 sec .	at 25°C, psi at -1,1°C, psi	---
Operating temperature in °C	---	-0 a 220

The indicated values are reference values and averages. Small fluctuations can occur between different items due to the typical production process.

PACKAGING

Bucket / Drum - 180 Kgs

PRECAUTIONS FOR USE / ENVIRONMENT CARE

Use the appropriate elements for the handling of the Drum lubricant. Avoid contamination of soil and rivers. Make the final disposition according to the current environmental policies of each country. See our safety sheet for additional information

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