TECHNICAL INFORMATION

ULTRAPLEX PU SYNT P462

HIGH TEMPERATURE POLYUREA GREASE

DESCRIPTION

Grease formulated with a synthetic base oil, a polyurea thickener and anti-rust, anti-corrosion, anti-wear and extreme pressure additives.

APPLICATIONS

ULTRAPLEX PU SYNT P462 is a grease particularly suitable for lubricating bearings operating at low speeds, high temperatures and high loads.

ULTRAPLEX PU SYNT P462 provides high performance lubrication for continuous casting bearings, rolling mills, ovens, dryers, motors, pumps and any machine exposed to high temperatures.

PROPERTIES

- Exceptional thermic and oxidation resistance at high temperatures
- Excellent load carrying capacity.
- High protection to the corrosion of the metallic parts.
- Excellent pumpability in centralised lubrication systems.
- High mechanical stability.
- Excellent sealing capacity and resistance to water and steam.
- Operating temperature from -20 to +180°C, +200°C possible with appropriate relubrication intervals.

QUALITY LEVEL

- ISO – L – XBGEA 2
- DIN 51502 - KHC2S-20

TECHNICAL CHARACTERISTICS

	Method	Typical values	Units
Appearance	Visual	Homogeneous grease	-
Colour	Visual	Light Ivory	-
Penetration at 25°C after 60 strokes	ASTM D-217	300	mm x 10^{-1}
Consistency NLGI	ISO 2137	1-2	-
Dropping point	ASTM D-566	270	°C
Base oil viscosity at 40ºC	ASTM D-445	460	mm^2/s
Wear scar, 4 ball test 40 Kg, 75ºC, 1 hour	ASTM D-2266	0,45	mm
Welding load, 4 ball test	ASTM D-2596	400	Kg
Water washout at 80ºC	ASTM D-1264	4	%
Oil separation after 24h at 100ºC	ASTM D-6184	2,0	%
Copper corrosion, 24h at 100ºC	ASTM D-4048	1b	-
Speed factor (n x dm) n – bearing rotation speed (rev/min) dm – bearing average diameter (mm)	-	400.000	-

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The information provided in this document is based upon our best knowledge at the date of revision indicate, and is subject to changes without prior notice. Such information does not release the user from testing the product in their own application. The data indicated represent average values and do not constitute product specifications. For more information please contact COGELSA Technical Support. COGELSA is not liable for damages caused by improper use of the product.

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