

ULTRAPLEX PU SYNT 322

HIGH TEMPERATURE POLYUREA GREASE

DESCRIPTION

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

APPLICATIONS

ULTRAPLEX PU SYNT 322 is a grease especially suitable for the lubrication of bearings and rolling bearings working at very high temperatures, 200°C with peak temperatures up to 220°C.

ULTRAPLEX PU SYNT 322 offers high performance in the lubrication of continuous casting bearings, rolling mills, furnaces, kilns, dryers, motors, pumps, and any machinery exposed to high temperatures.

PROPERTIES

- Exceptional thermal and oxidation resistance at high temperatures.
- High load capacity.
- Excellent corrosion protection.
- Very good pumpability in centralized lubrication systems.
- High mechanical stability.
- Suitable for high-speed bearings.
- Excellent sealing capacity and resistance to water and steam.
- Working temperature from -20 to +200°C, +220°C possible with suitable relubrication intervals.

QUALITY LEVEL

- ISO – L – XBGIB 2

TECHNICAL CHARACTERISTICS

	Method	Typical values	Units
Appearance	-	Light brown grease	-
Penetration at 25°C	ASTM D-217	280	mm x 10 ⁻¹
Penetration at 25°C after 10 ⁵ strokes	ASTM D-217	302	mm x 10 ⁻¹
Consistency NLGI	ISO 2137	2	-
Dropping point	ASTM D-566	270	°C
Base oil viscosity at 40°C	ASTM D-445	320	mm ² /s
Wear scar, 4 ball test	ASTM D-2266	0,42	mm
Welding load, 4 ball test	ASTM D-2596	315	Kg
Evaporation after 22h at 204°C	ASTM D-2595	2,63	%
Oil separation after 24h at 100°C	ASTM D-6184	0,2	%
Copper corrosion 24h at 100°C	ASTM D-4048	1b	-
Speed factor (n x d _m) n – rotational speed of bearing (rpm) d _m – average bearing diameter (mm)	-	600.000	-

Rev: 06/24

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.