

Termo PU EP460

This is an extra high-performance, long-lasting, high-performance grease with polyurea thickener, designed for demanding operating conditions.

Usage

It has been developed for use in drying ovens, continuous casting in steel mills, hot roll beds of cardboard and paper machines, asphalt machines, and cement rotary kilns, in all lubrication points requiring high temperature, high pressure, high performance, and high resistance to water contamination. It can be used in applications covering the industrial, mining, construction, and marine sectors.

Features

Provides a high dropping point and good corrosion protection at high temperatures.
Has excellent mechanical properties and high load-carrying capacity.
Has excellent wear protection and high absorption capacity under high pressure.
Shows highly effective load-carrying capacity during sudden load changes.
Provides protection and sealing for bearings in environments where water is present.
Thanks to its soap-free composition, it does not leave ash and carbon deposits in bearing housings.

Technical Specifications

Soap Type	-	Polyurea	Polyurea
Colour	Visual	Brown	Brown
NLGI	-	1	2
Worked Penetration @25°C	ASTM D 217	310-340	265-295
Dropping Point, °C, min.	ASTM D 2265	240	240
Base Oil Type	-	Mineral	Mineral
*Base Oil Viscosity @40°C, cSt	ASTM D 445	460	460
4 Ball Wear Diameter, mm, max.	ASTM D 2226	0,6	0,6
EMCOR Corrosion Protection Test	DIN 51 802	0-0	0-0
Operating Temperature, °C	-	-20 / +180	-10/+180

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