



APPLICATIONS

Eni Grease PHT is a multipurpose grease, mineral based thickened with polyurea and with EP additive (extreme pressures).

The presence of polyurea gives to the grease a very high dropping point and makes it particularly suitable for prolonged applications at high temperatures without hardening.

Eni Grease PHT is recommended for the lubrication of flat and rolling bearings, exposed to water washout, in severe work conditions and subject to heavy loads and impacts. Therefore it is ideal for application in metallurgy, in centralized continuous casting and rolling mill plants, and in rotary kilns and machinery exposed to high temperatures in the ceramics, glass, paper and cement industries.

CUSTOMER ADVANTAGES

- Excellent oxidation and thermal stability allows prolonged relubrication intervals
- High water washout resistance
- High adhesion to the surfaces
- Good compatibility with plastics materials

SPECIFICATIONS - APPROVALS

- ISO 12924 L-XBEHB 1,5
- DIN 51825 KP 1,5P -20





CHARACTERISTICS

Properties	Method	Unit	Typical
Appearance	-	-	smooth-textured
Colour	-	-	beige
Base oil type	-	-	mineral
Base Oil Viscosity at 40°C	ASTM D 445	mm ² /s	460
Thickener type	-	-	polyurea
Consistency (NLGI grade)	-	-	1.5
Dropping point	ASTM D 566	°C	>260
Penetration at 60 double stroke	ASTM D 217	dmm	290
4 Balls weld load	ASTM D 2596	daN	>250
Copper strip corrosion (3h at 100°C)		-	1b
EMCOR test in distilled water	DIN 52802	-	0/1
Water washout at 38°C	ASTM D 1264	%	max 5
Temperature range		°C	-20/+170



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