PRODUCT DATA SHEET

AGIP GREASE PHT

AGIP GREASE PHT is a special high performance grease capable of exceptional performance in industrial ball and roller bearings operating at particularly high temperatures with high loads.
AGIP GREASE PHT is formulated with polyurea as thickener, mineral oil and additives; this technological solution gives at the product properties of a very high dropping point, long life in service, low wear, shear stable even at extremely high operating temperatures.

CHARACTERISTICS (TYPICAL FIGURES)

AGIP GREASE PHT
NLGI consistency **1/2**

Worked penetration	dmm	280 - 310
ASTM Dropping point	°C	> 260
Oil viscosity at 40°C	mm^2/s	460

PROPERTIES AND PERFORMANCE

- AGIP GREASE PHT GREASE is a polyurea grease, an ashless organic thickener with intrinsic antioxidant properties, that with natural very high dropping point, that make the product particularly suitable for elevated temperatures without the tendency of hardening.

- AGIP GREASE PHT possess the following performance features:

  - Excellent oxidation stability for extending regreasing intervals.
  - High resistance to water washout.
  - Very good antirust properties; EMCOR (DIN 51 508) 0/0.
  - Tenacious adherence at the surfaces to which it is applied.
  - Good performance at high speeds.
  - Compatibility with rubbers and plastics.

APPLICATIONS

AGIP GREASE PHT is specifically developed for lubrication of plain, ball and roller bearing and other mechanical components operating in presence of water, with high loads and shocks at extreme temperatures in the range -20 to +170°C, with peaks up to +200°C.

AGIP GREASE PHT is specially suitable for application in steel plants thorough central lubrication system of continuous casting and rolling mills, but also in rotating ovens and all other machineries subjected at high temperatures of following industries: ceramics, glass, paper and cement.

SPECIFICATIONS

AGIP GREASE PHT meets the following classification:

- ISO L-X-BEHB ½
- DIN 51 502 KP 1/2 P -20