HAFA

TECHNICAL DATA SHEET

BROSIA XPERF PU V 2

NLGI 2

LONG-LIFE HIGH PERFORMANCE GREASE

APPLICATIONS

BROSIA XPERF PU V 2 is a high-temperature polyurea grease formulated with a 100% synthetic base oil. It has been specifically developed for the permanent lubrication of components operating under high temperatures, heavy loads and high speeds, where conventional greases are not suitable.
BROSIA XPERF PU V 2 is designed for use in all types of plain and rolling bearings operating under severe service conditions.
It is suitable for a wide range of industrial applications, particularly wherever extreme thermal stresses occur, such as paint lines, rubber and plastics processing equipment, conveyor chains in heated tunnels, ovens, and similar installations.

PERFORMANCE

Classification: ISO 12924 : ISO-L-XDFEB 2
DIN 51502 : KP2R-40

CUSTOMER BENEFITS

Very High Performance • High Temperature Resistance

- Excellent protection of components operating at high speeds.
- Maintains outstanding performance even under extreme temperature conditions.
- Excellent load-carrying capacity.
- Outstanding oxidation resistance, ensuring extended service life.

CHARACTERISTICS

	Method	Units	Values
NLGI Grade	-		*2*
Thickener Type	-	-	*Polyurea*
Base Oil Type	-	-	*Synthetic PAO*
Colour	*Visual*	-	*Beige*
Texture	*Visual*	-	*Smooth*
Dropping Point	*ASTM D 2265*	*°C*	*240*
Base Oil Viscosity at 40°C	*ASTM D 445*	*mm²/s*	*68*
Worked Penetration (60 strokes)	*ASTM D 217*	*0,1 mm*	*265-295*
worker 10^5 cps	*ASTM D 217*	*0,1 mm*	*+ 40*
Speed Factor		*ndm*	*>1000000*
Four-Ball Weld Load	*ASTM D2596*	*Kg*	*315*
Operating Temperature Range	-	*°C*	*-40 à 180*

The values shown in this table are typical values provided for guidance only.

Version of 22/02/2021

CERTIFIED LR ISO 9001