



# PRODUCT DATA SHEET

## EAJ 5100 EP/460 BEARING GREASE NLGI 1.5

AUTO / IND GRADE

### SUPER HIGH TEMP APPLICATION AT LOW-MID SPEED BEARING GREASE

#### Product Description

This is a high viscosity and high temperature grease that is inherent anti-oxidative properties, it is very good water resistance, good mechanical stability and can exhibit either high-shear stability or thixotropic behaviors when subject to a strong shearing force.

It having a very good drop point at a minimum withstand temperature of 260°C and with it superb shear stability. Therefore, these greases are superior to soap-based greases when the application temperatures exceed 170°C.

Containing with extreme pressure additives to prevent wear scars and provides good load-carrying properties.

#### Product Application

**EAJ 5100 EP/460** is recommended for most low to medium speed bearings and is able to apply into centralized lubrication systems.

### TYPICAL PHYSICAL PROPERTIES

PROPERTY	TEST METHOD	TYPICAL VALUES
NLGI GRADE	ASTM D-217	1.5
WORKED PENETRATION @ 25°C / 77°F	ASTM D-217	295 - 310
APPEARANCE	ROOM TEMP.	Soft to Very Soft
THICKENER/ SOAP TYPE	-	Polyurea (Di-Urea)
STRUCTURE	-	Smooth
COLOUR	VISUAL	Blue
BASE OIL VISCOSITY cSt at 100°C (212°F)	ASTM D-445	Min. 25
DROPPING POINT	ASTM D-2265	260°C / 500°F +/- 5
VISCOSITY INDEX	ASTM D-2270	95 - 105
WATER RESISTANT	-	Very Good
COPPER CORROSION 24 HRS, 100°C	ASTM D-130	1b
4-BALL EP WELD LOAD, KGS	ASTM D-2596	Approx. 250
4-BALL WEAR, AVG SCAR DIAMETER, MM	ASTM D-2266	0.60

### TEMPERATURE RANGE

For continuous service is -20°C to 170°C [ -4°F to 338°F ]

### CAUTION:

Do not ingest! If this should occur, drink large volumes of water And seek medical attention. Always keep container sealed when not in use. Keep out of reach of children.

This information is our best knowledge, true & accurate, subjected to change without prior notice due to continual product research and development. All recommendations or suggestions are without guarantee since the conditions of use are beyond our control. The manufacturers do not accept liability for any loss or damage, however arising, which results directly from the use of such information, nor do we offer any warranty of immunity against patent infringement.

# TOYO-G