



PRODUCT DATA SHEET

EAJ 5100 EPFS/460 FULLY SYNTHETIC GREASE NLGI 1.5

AUTO / IND GRADE

SUPER HIGH PERFORMANCE APPLICATION AT LOW-MID SPEED HEAVY DUTY BEARING GREASE

Product Description

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

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 EPFS/460 is recommended for most heavy duty application, low to medium speed bearings and is able to apply into centralized lubrication systems. Industries such like mining, steel mills and cement plants etc.

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. 45
DROPPING POINT	ASTM D-2265	260°C / 500°F +/- 5
VISCOSITY INDEX	ASTM D-2270	Approx. 170 +/- 5
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