KROSS®

Empowering Oil

GREASE
KROSS® LiX EP-2

DESCRIPTION AND APPLICATION

KROSS® Lithium LiX EP-2 is manufactured with refined high viscosity petroleum lube base oil, complex lithium soap as thickener and a special additive package to ensure very good water resistance and protection against oxidation, corrosion and wear and improved EP properties.
This grease is shear stable and retains its consistency for long term service periods. It is not corrosive to non-ferrous metals and steel materials in bearings while providing adequate protection against rust formation.
KROSS® Lithium LiX EP-2 is designated for lubrication (centralized and non-centralized) of plain and rolling bearings, gear units and other mechanisms operated under high loads (in the presence of water and salts) and under continuous shock loads.
It is suitable for big roller bearings in mining, construction, farm and marine equipment, operating in adverse environments.
The operating temperature range of the grease is from minus 30°C to +140°C, with short periods up to 180°C.

TYPICAL CHARACTERISTICS

parameters	Test methods	typical values
Color	visual	Blue
Base Oil Kinematic Viscosity at 40°C, mm2/s	EN ISO 3104	200
Penetration at 25°C, 0.1 mm	ISO 2137	280
Dropping Point, °C	ISO 2176	280
Colloidal Stability at 40°C, 18 hours - separated oil, %	BDS 6733 Method 2	1
Copper Corrosion at 100°C, 3h, rating	EN ISO 2160	1b
Water Influence at 90°C, rating	BDS 14443	1 (slight influence)
Four Ball EP Wear Test - Weld Load, N	BDS 13963	3150
Water washout characteristics (in bearing) at 80°C, %	ISO 11009	8
Four Ball EP Wear Test - Weld Load, N	EN ISO 2160	1a
	BDS 13963	3150

SPECIFICATIONS

ISO 6743/9	ISO-L-XCDIB-2
NLGI	2
DIN 51502	KP 2 N-30

PACKAGES

✓	0.4 kg

HEALTH, SAFETY, TRANSPORT AND STORAGE

Based on current available information, this product is not expected to produce adverse effects on health and environment when used for the intended applications and as per the recommendations in SDS.
SDS is available on www.krossoil.com.
Remark: The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.