



KROSS®

Empowering Oil



GREASE KROSS® Li EP-2

DESCRIPTION AND APPLICATION

The multipurpose antifriction grease KROSS® Lithium EP-2 is manufactured by thickening an appropriate mineral base oil with a lithium 12-hydroxystearate soap and the addition of proper additives ensuring very good water resistance and adhesion and protection against oxidation, corrosion and wear and improved EP properties. KROSS® Lithium EP-2 grease is shear stable and retain their consistency heavy duty operations. Exhibit reliable load carrying capacity and water washout resistance. This grease is not corrosive to non-ferrous metals and steel materials in bearings while providing adequate protection against rust formation. KROSS® Lithium EP-2 grease is intended to lubricate and seal plain and rolling bearings, hinge joints and other mechanisms operated under high pressures, shock loads and vibrations. It is recommended for universal lubrication of industrial machines and equipment operated under heavy loads and adverse environment including long-term shock loads, high speeds, high humidity and very wide temperature range. The grease is used for the lubrication of plain brass and babbitt radial bearings in rolling mills, screws and nuts of rollers, scissors, presses and the cutting lines of steel rolling machines and other metalworking applications. This is also suitable for the big roller bearings in mine, construction and marine machines and equipment operated under adverse conditions. The operating temperature range of KROSS® Lithium EP-2 grease is from -30°C to +120°C.

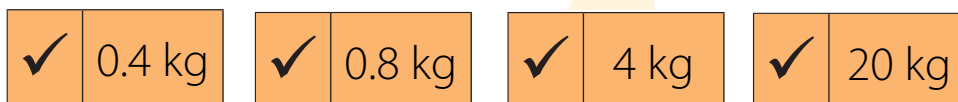
TYPICAL CHARACTERISTICS

parameters	Test methods	typical values
		NLGI 2
Color	visual	Yellow-brown
Base Oil Kinematic Viscosity at 40°C, mm ² /s	EN ISO 3104	120
Penetration at 25°C, 0.1 mm	ISO 2137	280
Dropping Point, °C	ISO 2176	194
Colloidal Stability	BDS 6733	
- separated oil, %	Method 1	12
Neutralization Number	BDS 5167	
- alkalinity, % NaOH		1
- acidity, mg KOH/g		none
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	BDS 13963	
- Weld Load, N		2500

SPECIFICATIONS

ISO 6743/9	ISO-L-XCCHB-2
NLGI	2
DIN 51502	KP 2 K-30
BDS	16507
DIN	51818

PACKAGES



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.