



eni Grease LC are special multipurpose lithium complex greases, with a very high dropping point and high stability, containing antirust, antioxidant and extreme pressure additives.

eni Grease LC are designed for high temperature and extreme pressure applications.

CHARACTERISTICS (TYPICAL FIGURES)

eni Grease LC

NLGI Consistency		1	2
Worked Penetration	dmm	310	270
ASTM dropping point	°C	260	260
Base oil viscosity at 40°C	mm ² /s	200	200

PROPERTIES AND PERFORMANCE

- **eni Grease LC** greases have a very high dropping point, so they are particularly suitable at elevated temperature. Due to the presence of adequate antioxidant package, they have oxidation stability and ensure unaltered lubricating properties even after a long exposure to intense mechanical loads and thermal stresses. They meet DIN 51 806 classification run A (SKF R2F 150°C).
- **eni Grease LC** possess very good antirust and antiwear properties without being aggressive to yellow metal; they adhere tenaciously to the surface to which they are applied resisting the dislodging effect of vibrations.
- The presence of extreme pressure and antiwear additive enable these greases to form a lubricating film capable of withstanding the mechanical stresses caused by a combination of shock loading and sliding contact. The Timken test gives for these greases an OK load of 45 lbs.
- **eni Grease LC** are water resistant, so they can be used in wet environmental and in contact water.

APPLICATION

eni Grease LC are specifically developed for applications with high temperature and extreme pressure. The application of **eni Grease LC** includes lubrication of plain, ball and roller bearing and other mechanical component operating at hard conditions (coupling, paper machine bearing, rolling mill bearing) subject to elevated loading, at the temperature range -20 to + 150°C.

eni Grease LC have been developed to meet special needs of steel industry, when a grease must lubricate bearing operating at high temperature (slabbing runout tables, continuous casting furnace roller paths, etc.).

In general the **eni Grease LC** is suitable for centralized grease system, for example for system used on rolling mills and on the slide ways of hot forming presses.



SPECIFICATIONS

eni Grease LC meet the requirements of the following specifications:

eni Grease LC	1	2
ISO	L-X-BDHB 1	L-X-BDHB 2
DIN 51 825	KP 1 N -20	KP 2 N -20