



# AGIP GREASE LC

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

**AGIP GREASE LC** are designed for high temperature and extreme pressure applications.

## CHARACTERISTICS (TYPICAL FIGURES)

GREASE LC		1	2
<b>NLGI consistency</b>		<b>1</b>	<b>2</b>
Worked penetration	dmm	310	270
ASTM Dropping point	°C	260	260
Oil Viscosity at 40°C	mm <sup>2</sup> /s	200	200

## PROPERTIES AND PERFORMANCE

- **AGIP GREASE LC** greases have a very high dropping point, so they are particularly suitable at elevated temperature. Due to the presence of a special antioxidant package, they have high oxidation stability and ensure unchanged 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).
- **AGIP GREASE LC** possess very good antirust and antiwear properties without being aggressive to yellow metal; they adhere tenaciously to the surfaces to which they are applied resisting the dislodging effect of vibrations.
- The presence of extreme pressure and antiwear additives enable these greases to form a lubricating film capable of withstanding the mechanical stresses caused by a combination of shock loading and sliding contacts. The Timken test gives for these greases an OK load of 45 lbs.
- **AGIP GREASE LC** are fortified with a special polymer that makes them particularly water resistant, so they can be used in wet environmental and in contact with water.

## APPLICATIONS

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

**AGIP GREASE LC** have been developed to meet special needs of steel industry, where a grease must be lubricate bearings operating at high temperature (slabbing runout tables, continuous casting furnace roller paths, etc.).

In general the **AGIP GREASE LC 1** is suitable for centralized grease system, for example for systems used on rolling mills and on the slideways of hot forming presses.

# AGIP GREASE LC



## SPECIFICATIONS

**AGIP GREASE LC** greases meet the following classifications:

<b>AGIP GREASE LC</b>	<b>1</b>	<b>2</b>
ISO	L-X-BDHB 1	L-X-BDHB 2
DIN 51 825	KP 1 N -20	KP 2 N -20