



# AGIP GREASE LP

AGIP GREASE LP are black-coloured, smooth-textured lithium and calcium-based greases containing EP additives and having very good water- washout properties. They are supplied in three consistency grades.

## CHARACTERISTICS (TYPICAL FIGURES)

AGIP GREASE LP		0	1	2
<b>NLGI consistency</b>		<b>0</b>	<b>1</b>	<b>2</b>
Worked penetration	dmm	365	320	280
ASTM dropping point	°C	160	170	182
Timken OK load	lbs	45	45	50
Base oil viscosity at 40°C	mm <sup>2</sup> /s	160	160	160

## PROPERTIES AND PERFORMANCE

- The presence of EP (Extreme Pressure) additives provides a lubricating film that will withstand the mechanical stresses which occur in heavily loaded sliding bearings.
- Their very good oxidation resistance ensures a long service life even at high temperatures. **AGIP GREASE LP 2** passes the following performance tests: FAG FE 9 (DIN 51821-02) and SKF R2F at 120°C .
- Their good water-washout properties (typical value of GREASE LP 2 at 175°F is 2.5%) and adhesion permit their use even in the presence of water.
- They provide rust protection and are noncorrosive to copper and copper alloys.
- The greases are pumpable, so they can be used in centralized lubrication systems.

## APPLICATIONS

AGIP GREASE LP greases have been formulated expressly for the steel industry and for all those applications calling for tenacious adhesion, high-temperature resistance and good water-washout performance.

In particular, they are destined for lubricating the necks of rolling-mill rollers, and for roll-out tables, as well as the bronze shoes of Mannesman hot rolling mills.

They have numerous, high-performance applications due to their especially well-balanced additive package, so they can be classed as multipurpose products. They may be adopted for lubricating journals and rolling bearings, heavily loaded gears, universal joints and moving parts in rolling-mill housings operating over an extremely wide temperature range.

## SPECIFICATIONS

AGIP GREASE LP meet the following classifications:

AGIP GREASE LP	0	1	2
ISO	L-X-BCHB 0	L-X-BCHB 1	L-X-BCHB 2
DIN 51 825	KP0K -20	KP1K -20	KP2K -20