



AGIP GREASE AC

AGIP GREASE AC products are complex aluminium soap-based greases containing EP and antioxidant additives designed for high-temperature applications where good resistance to water washout is required.

CHARACTERISTICS (TYPICAL FIGURES)

AGIP GREASE AC		1	2
NLGI consistency		1	2
Base oil viscosity at 40°C	mm ² /s	172	172
Worked penetration	dmm	310	270
ASTM dropping point	°C	245	275

PROPERTIES AND PERFORMANCE

- AGIP GREASE AC greases have a very high Dropping Point, so they are particularly suitable for trouble-free use at elevated temperatures (peaking at 160°C).
- The EP 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 conditions. In fact AGIP GREASE AC greases have a Timken OK value of 45 lb.
- AGIP GREASE AC greases have a long useful life because the special antioxidation additive effectively counters any tendency towards deterioration during use.
- They possess very good antirust properties without being aggressive to yellow metal, and adhere tenaciously to the surfaces to which they are applied, resisting the dislodging effect of vibrations.
- AGIP GREASE AC greases are water-resistant, so they can be used in wet environments and in contact with water. For instance, the Water Washout of AGIP GREASE AC 2 is about 1%.
- AGIP GREASE AC products are pumpable, so they can be used in centralized grease systems.

APPLICATIONS

AGIP GREASE AC products have been developed to meet the special needs of the steel industry where a grease must lubricate bearings operating at high temperatures (slabbing runout tables, continuous-casting furnace roller paths, etc.). They can be pumped through particularly long, complex feed circuits without trouble.

AGIP GREASE AC products are also suitable for centralized grease systems used on hot forming guides.

N.B.

AGIP GREASE AC products must not be mixed with greases based on other than a complex aluminium soap.

SPECIFICATIONS

According to DIN 51502, AGIP GREASE AC 1 and GREASE AC 2 are classed as KHL1R e KHL2R, respectively. AGIP GREASE AC are approved by Danieli according to Standard 0.000.001 specification