



# AGIP ACER MPK

AGIP ACER MPK special lubricants have been expressly designed for the lubrication of rolling-contact bearings and gears operating at high temperatures in papermaking machinery. They are formulated from special paraffinic bases and specific additives which impart detergent, antiwear, antirust, demulsibility and oxidation-resistance properties.

## CHARACTERISTICS (TYPICAL FIGURES)

AGIP ACER MPK		150	220
Viscosity at 40° C	mm <sup>2</sup> /s	139	207
Viscosity at 100° C	mm <sup>2</sup> /s	14,1	18,5
Viscosity Index	-	96	96
Flash Point COC	° C	252	264
Pour Point	° C	-9	-9
Mass density at 15° C	kg/l	0,896	0,899

## PROPERTIES AND PERFORMANCE

ACER MPK products guarantee very good performance, thanks to their special characteristics:

- Good detergency, which ensures that paper fibres that could contaminate the oil, especially in the wet parts of the papermaking machinery, are kept in suspension. Hence, these fibres, together with particles resulting from oxidation, do not form deposits in dead spots of the circuit but are filtered out.
- Excellent demulsibility even in the presence of abundant water. This allows any water which accidentally seeps into the lubrication circuit to be rapidly separated from the oil in the tank, thus assuring correct lubrication. This property is demonstrated by the results of the ASTM D1401 test where separation occurs in thirty minutes.
- Very good antiwear performance, as demonstrated by the FZG (pass load stage 12) and the Four Ball Wear test (scar diameter less than 0.4 mm); therefore, **AGIP ACER MPK** can also be used in reduction gears, which permits rationalization of lubricant stocks.
- Oxidation resistance obtained by specific additive treatment to guarantee long oil-service life even at high temperatures.
- Antirust protection, with no problems concerning corrosion of copper and its alloys, ensuring that all components are kept perfectly lubricated and efficient, which, in turn, results in long machine life.
- Low foaming, which reduces rupture of the oil film, thus assuring efficient lubrication while avoiding other trouble caused by the phenomenon.



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## APPLICATIONS

AGIP ACER MPK products are expressly formulated for simultaneous lubrication of bearings and gears of continuous papermaking machinery.

## SPECIFICATIONS

AGIP ACER MPK products meet the lubrication requirements of the following manufacturers:

- BELOIT (Chart 1-21-127 1982) "oil C";
- CARCANO (A4-415-5 I 1981) oil "G"