



AGIP TELIUM VSF

AGIP TELIUM VSF are polyglycol-based synthetic products, designed for lubrication of gears and bearings operating at high temperatures.

CHARACTERISTICS (TYPICAL FIGURES)

AGIP TELIUM VSF		220	320
Viscosity at 40°C	mm ² /s	206	330
Viscosity at 100°C	mm ² /s	37	60
Viscosity Index	-	230	250
Flash Point COC	°C	240	250
Pour Point	°C	-42	-36
Mass density at 15°C	kg/l	1,059	1,060

PROPERTIES AND PERFORMANCE

- **AGIP TELIUM VSF** are formulated using water soluble polyglycol, characterized by excellent lubricating properties and very high viscosity index, which allow, compared with a corresponding mineral-based lubricant, a reduction in the friction coefficient and an increase in thermal conductivity, thus helping to keep the machinery operating temperature lower.
- **AGIP TELIUM VSF** have an excellent oxidation resistance which ensures a proper lubrication and a long service life even at temperatures up to 150°C.
- **AGIP TELIUM VSF** fluids have very good antiwear properties as demonstrated by the following test:
 - FZG (A 8,3/90), failure stage 12°.

APPLICATIONS

- **AGIP TELIUM VSF** are particularly suitable for lubrication of worm screws gears characterized by high power-weight ratio, as it improves their efficiency while reducing power absorption and increasing the life of the oil charge.

SPECIFICATIONS

- **AGIP TELIUM VSF** fluids meet the requirements of the following specifications:
 - ISO-L-CKD
 - DIN 51502 PGLP
 - ANSI/AGMA D 9005-D94 (AGMA Nr. 5S, 6S)

NOTES

- **AGIP TELIUM VSF** are not miscible with mineral oils. An accurate cleaning of the plant is therefore needed before shifting from the use of a conventional lubricant to this product, in order to remove every residue of the preceding charge.
- Epoxy or epoxyphenol paints should be used on painted surfaces which will come into contact with **TELIUM VSF**.