PRODUCT DATA SHEET

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	mm²/s	206	330
Viscosity at 100°C	mm²/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).

AGIP TELIUM VSF 320 is approved by the Canadian Food Inspection Agency as lubricant in food plants according to the directions for use reported in the specific label according to CFIA/ACIA 4031 (2009/01). For this specific application please contact **eni** technical service.

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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 previous oil.

- Epoxy or epoxyphenol paints should be used on painted surfaces which will come into contact with **TELIUM VSF.**