Synthetic oil (PAO) for enclosed gears.

**APPLICATIONS**

- **Enclosed gears, bearings, gear couplings**

  - **TOTAL CARTER SH** has been developed for enclosed industrial gears to provide optimum gear protection against micropitting and bearing protection against scuffing under very severe conditions.
  - bevel and spur gears
  - Heavily loaded bearings and gear couplings.

**SPECIFICATIONS**

- **International specifications**
  - DIN 51517 Part 3 ⇒ group CLP
  - NF-ISO 6743-6 category CKD
  - AISI 224
  - CINCINNATI MILACRON
  - DAVID BROWN
  - FLENDER
  - USINOR FT 161
  - MÜLLER WEINGARTEN
  - AGMA 9005 - E02

**ADVANTAGES**

- Very high protection (high and low temperatures) from micropitting scuffing wear (GFT - class: high).
- Excellent extreme-pressure performance: protection against high loads.
- Very high natural viscosity index: (shear stable) and low friction coefficient.
- Very low pour point: operation at very low temperatures.
- Very good resistance to oxidation: operation at high temperatures, and lifetime increased by a factor of 2 to 4.
- Compatible with seals and metals containing copper.

**HANDLING OPERATIONS - HEALTH - SAFETY**

- **CAUTION**: not compatible with oils based on polyglycols.

**TYPICAL CHARACTERISTICS**

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<td>Density at 15 °C</td>
<td>ISO 3675</td>
<td>856.5 - 859.7</td>
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<td>ISO 3104</td>
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<td>ISO 3104</td>
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<td>FZG Micropitting</td>
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<td>FZG A/8.3/90</td>
<td>DIN 51 354/2</td>
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<td>Pour point</td>
<td>ISO 3016</td>
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Above characteristics are mean values given as an information.