

Gazpromneft Thermoil - 16, 26

Cold Quenching Oils

Gazpromneft Thermoil was developed to provide excellent long life performance in quenching operations to increase steel hardness and strength. Gazpromneft Thermoil-16 and 26 are made from solvent refined base stocks which have high flash points and low volatility characteristics. They contain proven additive package that provides the rapid quench properties, while helping to protect the metal parts from the formation of deposits during processing.

Applications

- Gazpromneft Thermoil is recommended for quenching operations with carbon and alloy steels
- Gazpromneft Thermoil-16 can be used in systems where operating temperatures are 20-50°C
- Gazpromneft Thermoil-26 can be used in systems where operating temperatures are 70-110°C

Features, Advantages & Potential Benefits

- **Low volatility characteristics**
Reduced losses due to evaporation and improved working conditions due to low fuming
- **Good thermal, oxidation and chemical stability**
Longer oil life at elevated system temperatures, with fewer oil changes and maintenance outages.
- **Absence of tars and asphaltic components**
Clean components free of stains, patches, spots and marbling aspects
- **High flash point**
Reduces fire risk

Approvals:

- AVTOVAZ

Typical Characteristics

Properties	Method	Gazpromneft Thermoil-16	Gazpromneft Thermoil-26
Kinematic Viscosity @40°C, mm ² /s	ASTM D 445	25	38
Viscosity Index	ASTM D 2270	90	91
Flash Point (COC), °C	ASTM D 92	210	218
Ash, wt%	ASTM D 482	0,04	0,04
Saponification Number, mg KOH/g	ASTM D 94	0,2	0,2
Density @20°C, kg/m ³	ASTM D 4052	864	873

Health, Safety & Environment

Information is provided for products in the relevant Safety Data Sheet (SDS). This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products. SDS's are available upon request through your sales contract office. This product should not be used for purposes other than its intended use.