

## 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 <sup>2</sup> /s	ASTM D445	25	38
Viscosity Index	ASTM D2270	90	91
Flash Point (COC), °C	ASTM D92	210	218
Ash, wt%	ASTM D482	0,04	0,04
Saponification Number, mg KOH/g	ASTM D94	0,2	0,2
Density @15°C, kg/m <sup>3</sup>	ASTM D4052	868	877

### 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.