

Product Data Sheet

Zenoli C

Description and Applications

Saheli Zenoli C is compounded medium speed quenching oil specially developed for heat treatment of ferrous metals in a wide variety of quenching operations.

Saheli Zenoli C is formulated from highly refined paraffinic oils to provide superior thermal, oxidation and ageing stability facilitating long service life with minimal deposit formation. The compounding agent used in this oil provides improved cooling power and enhanced metal wetting characteristics to induce desired hardness and minimize stresses and metal distortion.

Its low volatility characteristics reduce oil loss from vaporization.

Saheli Zenoli C is recommended for medium speed quenching of ferrous metals such as carbon steel, gray iron and alloy steels.

Features and Benefits

- Good inherent thermal and oxidation stability minimizes deposit formation and viscosity increase.
- Superior ageing stability leads to extended service life and reduced downtime.
- Improved cooling power and enhanced metal wetting characteristics induce desired hardness and minimize stresses and metal distortion Imparts good surface finish.
- Low volatility reduces oil loss from vaporization.

Applications

Medium speed quenching of ferrous metals such as carbon steel, gray iron and alloy steels

Test Parameters	Test Method	Typical Results
Density @ 15°C gm/cm3	ASTM D1298	0.862
Viscosity Index	ASTM D2270	108
Viscosity @ 40°C (cSt)	ASTM D 445	21.6
Pour Point °C	ASTM D 97	-18
Flash Point (COC) °C	ASTM D 92	186
GM Quench Speed, seconds	ASTM D 3520	18.5
Saponification Number	ASTM D 94	9.2