

Silvol Quenchoil S, C, HT Quenching Oils

SILVOL QUENCHOIL grades of oils have been formulated from petroleum base stock having very good thermal and oxidation stability. They are fortified with carefully selected additives to impart desired quenching rates.

Product features:

- Oxidation stability
- A number of quenching mediums such as molten salts, brine solutions
- Provides uniform hardness
- Suitable for large-scale automation
- Prevents rust and corrosion of metal parts
- High flash and fire points

Consumer benefits:

- Free from suspended matter, grit, water or any other impurity
- Good thermal properties
- High boiling points and low volatility
- Lowest fluid friction

Applications:

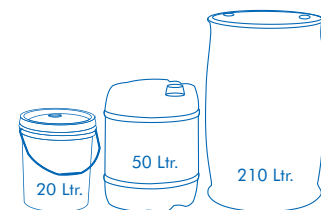
QUENCHOIL S (Standard) is suitable for moderate to fast quenching operations of steel components manufactured by automobile and light engineering industry.

QUENCHOIL C (Compound) is recommended for quenching operations where compounded oil is preferred for quenching of a number of variety of steel components in major industries, high-speed steel tools.

QUENCHOIL HT (High Temp.) is recommended for the mass production of high precision, high quality products viz automotive gears and transmission components, bearing rings etc. It is also suitable in solution treatment of heat treatable aluminum alloys.

Performance level: IS 2664: 1980
(Reaffirmed Nov.1998)

Available in :



SPECIFICATIONS

Sr.	Properties	Quench Oil		
		S	C	HT
1	Kinematic Viscosity, cSt@40°C	26 - 33	26 - 33	36 - 46
2	Kinematic Viscosity, cSt@100°C	4 - 6	4 - 6	3.5 - 4.5
3	Flash Point, COC, °C Min	200	200	200
4	Quenching time (ASTM D 3520), seconds	24	18	35
5	Viscosity Index, min.	95	95	95

* The specifications are subject to variations / development / customization