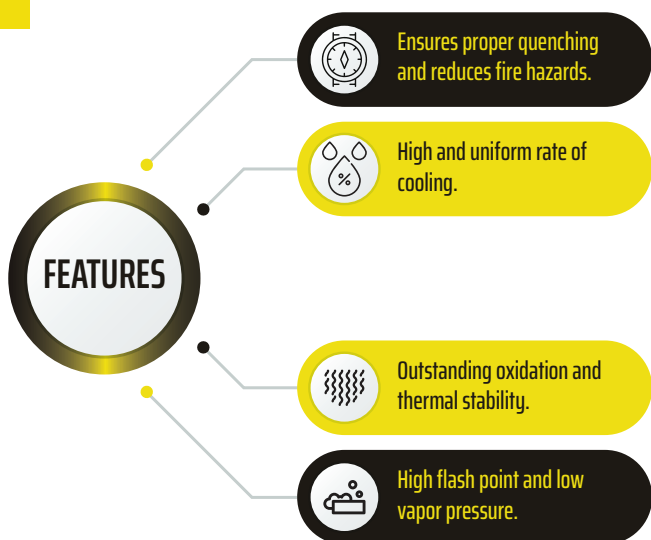




SHIELD - QUENCHING OIL

DESCRIPTION

Shield's Quenching Oil is blended from high quality virgin base oil, and specially selected additives. The oil has excellent thermal and oxidation stability, low volatility and vapor pressure which provides a fast and uniform quenching process.



PERFORMANCE LEVELS:

- IS:2664-1980

APPLICATIONS:

Shield's Quenching Oil is recommended for normal quenching operations on a wide variety of steel parts such as nuts and bolts, ball bearings etc.

TYPICAL PHYSICAL PROPERTIES

SL#	Characteristics Unit	Test Method	ISO Grades			
			32	46	68	100
1	Kinematic Viscosity@40°C	ASTM D 445	32	46	68	100
2	Kinematic Viscosity@100°C	ASTM D 445	5.7	6.78	8.73	11.36
3	Viscosity Index	ASTM D 2270	107	100	100	99
4	Flash Point (COC), °C	ASTM D 92	220	230	230	246
5	Pour Point, °C	ASTM D 97	-12	-12	-12	-12

*Exact specifications may slightly vary from the above, but within the international standards.