



An ISO 9001:2015 Certified Co.

Product Data Sheet

Hot Quenching Oil

- ISO Designation: ISO-L-UHF
- ISO Viscosity Grades: 10,32,68
- Performance Standards: ISO 6743-14:1994, IS 2664: 1980 Type C
- Usage Guidelines: Oils for fast hardening, for temperatures less than 200°C to harden uniformly with minimum cracking and distortions and constant predictable cooling rates
- Composition: Base Oil Group II, Additives: Quenching Oil Additive (1 to 10%)

Physico-Chemical Properties: Hot Quenching Oil

S.No.	Characteristics	Test Method	10	32	68
1	Kinematic Viscosity @40°C, cSt, range	IS 1448 P:25	11.5 to 17.5	20.5 to 36	36 to 73
2	Flash Point, Cleveland (open) cup, °C, min	IS 1448 P:69	160	175	200
3	Pour Point, °C, max	IS 1448 P:10	0	0	3
4	Acidity, organic mg of KOH/g of oil, max	IS 1448 P:2A	0.60	0.60	0.60
5	Inorganic Acidity, mg of KOH/g of oil	IS 1448 P:2C	Nil	Nil	Nil
6	Copper Strip Corrosion, 100°C, 3 hrs	IS 1448 P:15	1	1	1
8	Saponification Value	IS 1448 P:55	0.5	0.5	0.5

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