

POWEROIL QUENCH 11 MEDIUM FAST HEAT TREATMENT OIL

POWEROIL QUENCH 11 is specially designed accelerated quenching oil. It is blended from high quality highly refined mineral oils with carefully chosen fatty material to provide good wetting characteristics and higher cooling ability for delivering accelerated quenching rates.

PERFORMANCE STANDARDS: BIS: 2664-1980 (reaffirmed 2014), Compounded type

CHARACTERISTICS	POWEROIL QUENCH 11
Type	Compounded
Kinematic Viscosity @ 40°C, cSt	30
Viscosity index, Min.	100
Flash point, COC, °C, Min.	190
Pour point, °C, Max.	- 6
TAN, mg KOH/gm	0.5

The above properties are typical values and do not constitute specification of the product

APPLICATION:

- Ideally suited for components and materials that demand optimum hardness characteristics through accelerated quenching operations.
- Especially suitable for quenching of high speed tools, ball bearings and other components.

PERFORMANCE BENEFITS:

- Accelerated quenching characteristics
- Imparts uniform hardness to quenched components
- Reduced consumption due to low volatility properties
- Lower oil loss due to reduced oil carry over
- Good chemical and oxidation stability