

EMOQUENCH - 1409

Polymer based Quenching Oil

It is a nonflammable; polymer based water soluble quenching oil with enhanced corrosion inhibitor. Different concentration of the quench ant bath will provide different cooling rates. All the components of the quenching oil are completely environment and operator friendly.

TEST PARAMETERS	SPECIFICATIONS
Appearance	Pale Yellow
Density @ 27°C gm/ml	1.08 ±0.03
pH of 5% Emulsion	9.0 ± 0.2
Refractometer Factor	
Thermal Stability @ 50°C ± 2 For 15 Hrs	Passes test
Freezing Test @ 0°C ± 2 For 15 Hrs	Passes test
Copper Strip Corrosion Test	Passes test
Cast Iron Corrosion Test (Herbert Test)	Passes test
Recommended Dilution	

Applications:

- It can be used for carbon and alloy steels, wrought, case and forged Aluminium alloys.
- It can be used wherein heating of metal is done by induction, submerged induction or by direct flame.

Advantages:

- Since it is water soluble it is smoke, soot and residue free quench ant, this helps in maintenance of machine and plant.
- Enhanced bath life by effective biocides
- Minimal residue enhances the uniformity and mechanical results.