

NewAge Petro Conchem  
Pvt. Ltd.

# Product Specification Sheet

**Quenching Oils**



Reliable quality, trusted performance

## QUENCHING OIL

Quenching Oils are specially formulated heat treatment fluids designed to provide controlled cooling rates during metal hardening processes. These oils ensure uniform hardness, reduced distortion, and improved metallurgical properties in treated components.

Available in multiple viscosity grades, Quenching Oils deliver excellent thermal stability, oxidation resistance, and consistent cooling characteristics, making them ideal for demanding industrial heat treatment applications.

Available Grades:

- Quenching Oil 22
- Quenching Oil 32
- Quenching Oil 46

Analytical Test	Typical Specification		
	Quenching Oil 22	Quenching oil 32	Quenching oil 46
Color by Gardner	< 3.0	< 3.0	< 3.0
Appearance	Clear & Bright	Clear & Bright	Clear & Bright
Density @ 29.5 °C	0.840 – 0.870	0.850 – 0.875	0.850 – 0.885
K. Viscosity @ 40 °C	20 – 24	28 – 35	41 – 50
K. Viscosity @ 100 °C	To Report	To Report	To Report
Viscosity Index	Min 90	Min 90	Min 90
Flash Point, COC	Min 180	Min 200	Min 210
Pour Point	Max -6	Max -6	Max -6
Copper corrosion at 100 °C for 3 HRS	Passes	Passes	Passes

### Advantages :

- Controlled & Uniform Cooling Rates
- Reduced Distortion & Cracking
- Excellent Oxidation Stability



(Formally known as NewAge Industrial Oils Pvt Ltd)

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- High Thermal Stability
- Strong Film Strength
- Reduced Sludge Formation
- Good Metal Surface Finish
- Extended Bath Life