

## LUBRAL TEMPLE 1A

### QUENCHING OIL

#### DESCRIPTION

Lubral Temple 1A is an oil used in tempering processes for steels, it is formulated with high quality base oils and a package of antioxidant additives, defoamers, oxidation and corrosion inhibitors, which impart characteristics of rapid dissipation of absorbed heat energy.

#### APPLICATIONS

It is recommended to be used as a thermal cooling oil in tanks where the material to be tempered is immersed.

#### BENEFITS

- Does not generate toxic fumes.
- High protection against oxidation and rust.
- High thermal stability.
- Good cooling capacity to thermal shock.
- Excellent moisture protection and cooling capacity.

#### CHARACTERISTICS

TESTS	TEST METHOD	TYPICAL VALUE
Color	ASTM D1500	1.5
Appearance	Visual	Bright
Density @20°C, g/cm <sup>3</sup>	ASTM D4052	0.86
Kinematic viscosity @ 40°C, cSt	ASTM D445	22
Kinematic viscosity @ 100°C, cSt	ASTM D445	4.3
Viscosity Index	ASTM D2270	101
Flash Point COC, °C	ASTM D92	202
Quenchometer Magnetic Test	ASTM D3530	13

Typical Properties are those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are expected during normal manufacturing and at different mixing locations.

The information in this document is subject to change without notice. Product availability may vary depending on the location. For more information, you can contact us at [venta@lubral.com](mailto:venta@lubral.com)