

MOL Quench 32

quenching oil



MOL Quench 32 is mineral oil based quenching oil adapted to specific requirements of the metals heat treatment processes, improved by antioxidant (anti-ageing) additives, barium free. Operating temperatures of the oil are from 30°C to 100°C.

Application



Hardening
Case-hardening
Quenching of tool and construction steels
Carbon and low-alloyed steels

Features and benefits

Good thermal and oxidation stability
Low volatility
No deposit or sludge formation
Oxidation rates are slower, thus ensuring longer oil lifetimes
Reduced oil consumption
Minimized air exposure, so safer work environment

Specifications and approvals

Viscosity grade: ISO VG 32
ISO 6743-14 L-UHA
ISO 6743-14 L-UHB

Properties

Properties	Typical values
Appearance	clear, yellow oil
Density at 15°C [g/cm ³]	0,860
Kinematic viscosity at 40°C [mm ² /s]	32
Kinematic viscosity at 100 °C [mm ² /s]	5,4
Viscosity index	100
Pour point [°C]	-12
Flash point (Cleveland) [°C]	220
Copper corrosion (100°C, 3 h) [grade]	1 b

The characteristics in table are typical values of the product and do not constitute a specification.

Storage and handling instructions

Store in the original container in dry, properly ventilated area. Keep away from direct flame and other sources of ignition. Protect from direct sunlight.
During transport, storage and use of the product follow the work safety instructions and environmental regulations relating to mineral oil products.
For further details please read the Material Safety Data Sheet of the product.
In the original container under the recommended storage conditions: 24 months
Recommended storage temperature: max. 40°C

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Ordering information

Custom Tariff Number 27101999

SAP code and packaging:

13009889 MOL Quench 32 170KG
13010201 MOL Quench 32 860KG
13010874 MOL Quench 32 860KG R1W

216.5 l steel drum (for order only)
IBC (for order only)
IBC (for order only)

Order booking:

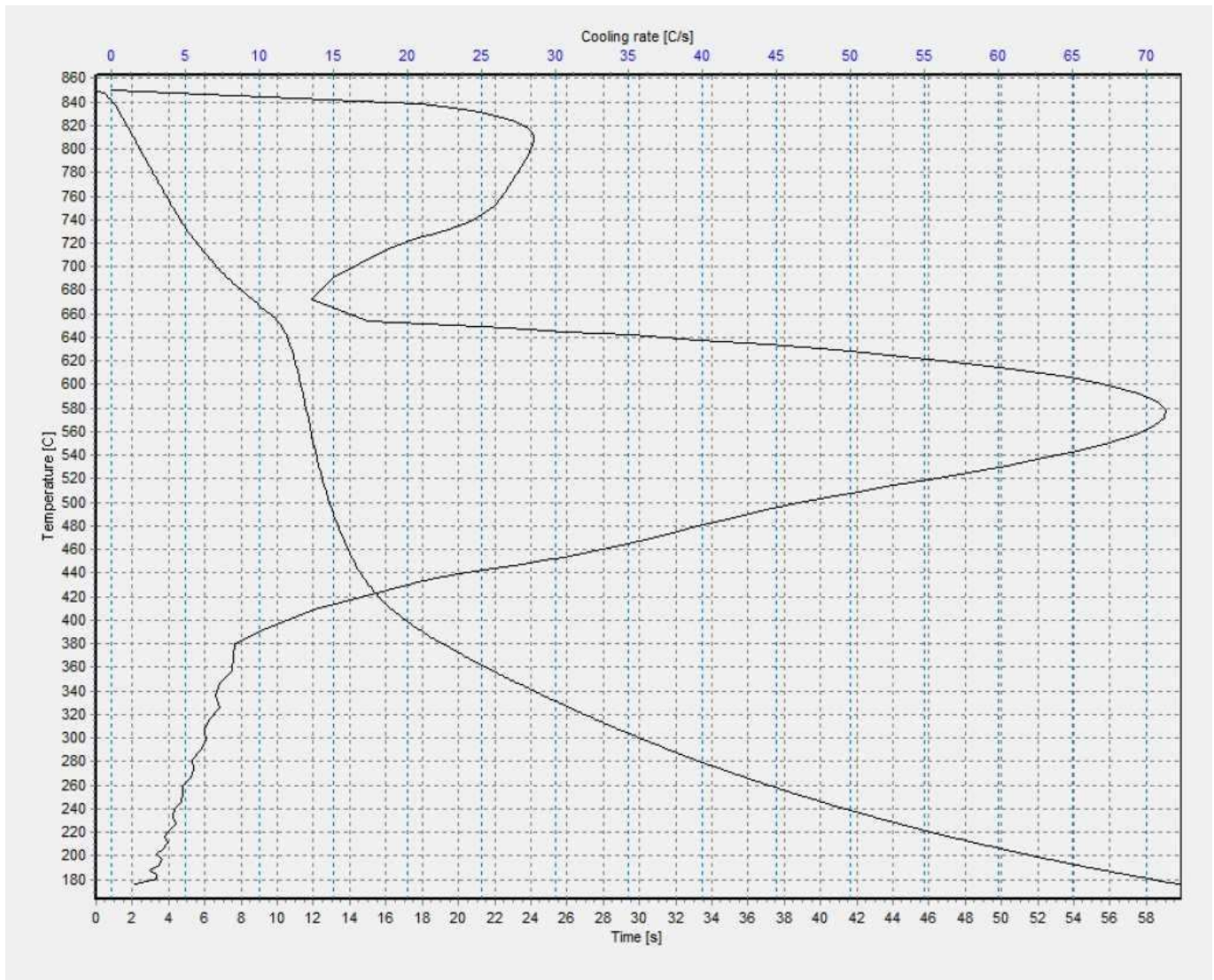
Please contact your local distributor or sales partner for ordering details.

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Cooling characteristics of MOL Quench 32 at 20°C (IVF Smart Quench System)



(IVF Smart Quench System)