

Heat-Treatment and Quenching Oil

Product reference: GYYY-39

Heat-treatment lubricant available in conventional and fast quenching oil types.

Heat-Treatment and Quenching Oil

Product name

Heat-Treatment Oil (Quenching Oil)

Viscosity / grade

Conventional quenching oil; fast quenching oil

Standard references

SH/T 0564-1993 (2005)

Performance features

Excellent thermal and oxidation stability, low volatility and long service life. Good cooling performance meets the requirements of workpieces during quenching.

Applications

Suitable for quenching steel, particularly alloy steel, and other alloy materials.

Packaging

170 kg drums; IBC containers; flexitanks

Minimum order quantity

3–10 tonnes

Mixed loading

Mixed loading is not permitted.

Unsuitable applications

- Do not use as a lubricant, insulating oil, rolling oil, cleaning oil or fluid for other unrelated applications.

For grade selection, technical requirements, packaging and commercial terms, contact sales@petronexusgroup.com.

Product visual and technical data



PETRONEXUS

High-Performance Heat Treatment & Quenching Oil

Reliable Cooling Performance for Superior Heat Treatment

Product Grades:

- Conventional Quenching Oil
- Fast Quenching Oil

 Thermal Stability
  Effective Cooling
  Long Service Life
  Low Volatility

PRODUCT PERFORMANCE

-  Excellent thermal and oxidation stability
-  Low volatility and reduced evaporation loss
-  Extended oil service life
-  Reliable and effective cooling performance
-  Suitable for steel and alloy quenching applications

TRUSTED LUBRICATION SOLUTIONS FOR HEAT TREATMENT INDUSTRY

Stable Performance
Higher Productivity
Longer Equipment Life



PRODUCT DESCRIPTION

PETRONEXUS High-Performance Heat Treatment & Quenching Oil is specially developed for industrial heat treatment processes requiring reliable and controlled cooling during quenching operations.

Featuring excellent thermal and oxidation stability, low volatility, and extended oil service life, it provides dependable performance under demanding heat treatment conditions.

Its effective cooling characteristics are designed to meet the quenching requirements of various metal workpieces, supporting controlled heat removal during the quenching process.

Available in conventional and fast quenching grades, the product offers different cooling characteristics to accommodate the heat treatment requirements of steel, particularly alloy steel, and other compatible alloy materials.

ENGINEERED FOR HIGHER PERFORMANCE IN HEAT TREATMENT

PRECISION QUENCHING FOR STRONGER METAL

 Controlled Cooling
  Wear Resistance
  High Hardness
  Reliable Performance

APPLICATIONS

-  **Steel Quenching Applications**
Suitable for various steel workpieces, particularly alloy steels.
-  **Alloy Material Heat Treatment**
Suitable for other compatible alloy materials.
-  **Conventional Oil Quenching**
Designed for standard oil-quenching cooling characteristics.
-  **Fast Oil Quenching**
Designed for faster cooling characteristics during quenching.

PRODUCT OVERVIEW

	Product Type	Industrial Heat Treatment Quenching Oil
	Product Grades	Conventional Quenching Oil Fast Quenching Oil
	Application	Heat Treatment and Quenching Processes
	MOQ	3 – 10 Metric Tons
	Order Requirements	Mixed Loading Not Accepted
	Feature	Reliable Cooling Performance and Extended Service Life

TRUSTED PARTNER FOR A STRONGER TOMORROW

AVAILABLE PACKAGING



170 kg Drums



IBC Containers



Flexitank

FLEXIBLE SUPPLY FOR GLOBAL MARKETS

PETRONEXUS

ENHANCING METAL PERFORMANCE THROUGH RELIABLE LUBRICATION

 Industry
  Efficiency
  Reliability
  Global Support

CONNECTING INDUSTRY FOR A BRIGHTER TOMORROW