



# ATLANTIC QUENCHOL

Premium Quality Quenching Fluids

## PRODUCT DATA

### DESCRIPTION

**ATLANTIC QUENCHOLS** are a series of premium quality oils designed specially for use as heat-treating fluids. It consists of two grades: one medium-viscosity, dual-purpose oil for both conventional quenching and marquenching; and one high-viscosity oil specifically for marquenching. Both grades are made with highly refined base oil fortified with special additives to meet the exacting requirements of heat-treating oils.

**ATLANTIC QUENCHOL 32** is a medium-viscosity, dual-purpose oil designed for both conventional quenching and marquenching. It has exceptional oxidation stability, and therefore does not require replacement as frequently as conventional oils. In addition, it will leave fewer residues on quenched parts.

**ATLANTIC QUENCHOL 100** is a high viscosity, long-life oil designed specially for marquenching. It has the high flash point required in high temperature protected-atmosphere systems and it has the excellent oxidation stability required in unprotected systems (exposed to atmosphere). It has unusually fast quenching speeds, parts quenched in it attain the same hardness as comparable parts quenched in conventional oils at lower temperatures. Thus, it is possible to take full advantage of the minimum distortion feature of marquenching without the loss of hardness often attendant in marquenching. It is easily removed from quenched parts with only a mild alkali wash. Also, because of its high flash point, it minimizes smoking and improves working conditions

### PRODUCT FEATURES & BENEFITS

- High resistance to thermal and oxidation breakdown yields longer service life, less viscosity increase in service and fewer carbonaceous deposits that must be cleaned from quenched parts
- Exceptionally good oxidation stability, which means lower fuel costs, lower drag-out losses, and reduced clean-up costs for the user
- Non-corrosive to steel and residues easily removed from quenched parts with only a mild alkali wash
- The high flash point minimizes smoking and improves working conditions

### APPLICATIONS

**ATLANTIC QUENCHOL 32** is a dual-purpose oil designed for both conventional quenching and marquenching. It can be used in open quenching systems where operating temperatures are as high as 93°C and in closed systems in which temperatures are as high as 150°C.

**ATLANTIC QUENCHOL 100** is designed specially for marquenching. It is recommended for protected-atmosphere systems where temperatures are as high as 190°C and unprotected systems (exposed to atmosphere) with quench bath temperatures up to 135°C.

TYPICAL TECHNICAL PROPERTIES		
	ATLANTIC QUENCHOL 32	ATLANTIC QUENCHOL 100
Product code	12657/MVF	12658/MVF
Kinematic Viscosity at 40°C, mm <sup>2</sup> /s, ASTM D445	484	125
Flash Point(COC), °C, ASTM D92	200	238

**Note:** These characteristics are typical of current production. While future production will conform to Atlantic's specification, variations in these characteristics may occur.

Packing : 1 | 4 | 5 | 20 | 25 | 208 L

ATL/PDS/MWF/015/0\*, 10.08.15, Page 1/1  
\* supersedes all previous versions

**Health and Safety:** This lubricant, when used in accordance with our recommendations and for the application for which it is intended, does not constitute any special hazard. A safety data file conforming to the requirements of current EC legislation is available from your local trade consultant.