

# REOLUBE® Turbofluids

## High Performance Fire Resistant Hydraulic Fluids For Power Generation

Reolube® Turbofluids are high performance fire resistant hydraulic fluids designed for use in electrohydraulic control (EHC) systems of steam turbines. These fluids are manufactured from specially purified phosphate base stocks and additional additives to improve their stability and lubrication properties .

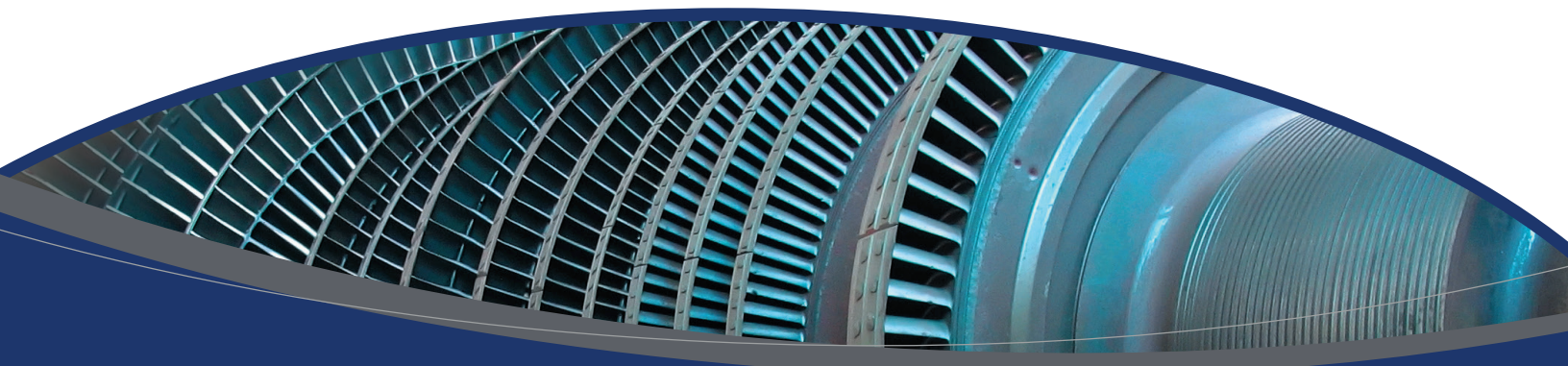
The increasing size of turbines, requiring greater volumes of lubricant, along with the high level of safety needed in both thermal and nuclear power plants, has resulted in a strong emphasis on fire prevention and control in power stations.

Reolube® Turbofluids meet or exceed all major Original Equipment Manufacturer (OEM) requirements as well as the following standards/specifications:

- FM Global Standard 6930 Approved
- ISO 12922 for “Fire Resistant Hydraulic Fluids”
- ISO 10050 and ASTM D4293 for phosphate esters in power station applications
- Reolube® Turbofluids are biodegradable making them more environmentally friendly than mineral based fluids

### REOLUBE® Turbofluids Product Portfolio

REOLUBE® Turbofluid 46B	a next generation, low toxicity fire- resistant hydraulic fluid with reduced hazard labeling
REOLUBE® Turbofluid 32B GT	an ISO 32 version of 46B targeted at gas turbine applications
REOLUBE® Turbofluid 46XC	covers the wide range of requirements for both steam and gas turbine control and lubrication systems
REOLUBE® OMTI	an ISO 46 with a high degree of fire resistance targeted and approved for Russian OEM turbines in both thermal and nuclear power stations



Originally developed for large steam turbines, Reolube® Turbofluids also have application in gas turbines, turbo-compressors, reactor coolant pumps and generators as well as conventional applications.

Reolube® Turbofluids offer the following benefits:

- Ultimate fire resistance including self-extinguishing properties
- Excellent lubrication properties
- High thermal, oxidative and hydrolytic stability

Reolube® Turbofluids Lubrication Performance Comparison						
	Air Entrainment	Foaming Tendency	Water Separation	Volume Resistivity	Hydrolytic Stability	Oxidative Stability
Reolube® Turbofluid 46B	Good	Excellent	Excellent	Excellent	Good	Excellent
Reolube® Turbofluid 46XC	Excellent	Excellent	Excellent	Excellent	Excellent	Good

For additional information on Reolube® Turbofluids please consult the following additional technical literature:

- Reolube® Turbofluids Performance Hydraulic Fluids - Engineering and Design Data
- Reolube® Turbofluids- A Guide to Their Maintenance and Use
- Reolube® Turbofluid product specific data sheets

**Packaging:** Reolube® Turbofluids are available in bulk and 230kg drums.  
Contact your Chemtura representative as alternate packaging may be available.

## CONTACT INFORMATION

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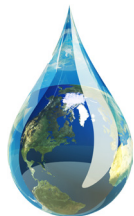
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#### Storage and Handling

Please read the Safety Data Sheet (SDS) and container label before using any product. The SDS contains important information regarding the safety, handling and storage of this product.

The information contained herein is correct to the best of our knowledge. Your attention is directed to the pertinent Safety Data Sheets for the products mentioned herein.

All sales are subject to Chemtura's standard terms and conditions of sale, copies of which are available upon request and which are part of Chemtura's invoices and/or order acknowledgments. Except as expressly provided in Chemtura's standard terms and conditions of sale, no warranty, express or implied, including warranty of merchantability or fitness for a particular purpose, is made with respect to the products described herein. Nothing contained herein shall constitute permission or recommendation to practice any invention covered by a patent without a license from the owner of the patent.



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OUR COMMITMENT TO SUSTAINABILITY

#### Responsible Care®

Chemtura is dedicated to Responsible Care, the chemical industry's initiative to protect the environment; ensure the safety and security of our operations; and safeguard the health and safety of our employees and neighboring communities. Our goal is to make continuous progress towards the vision of no accidents, injuries or harm to the environment. We care about the future - for all of us. If you have any questions, or would like to comment on our Responsible Care Program, please send an email to [RCMS@Chemtura.com](mailto:RCMS@Chemtura.com)