



Teresstic™ AC 32

Mobil Industrial , Canada

PREMIUM AMMONIA COMPRESSOR AND QUALITY R&O CIRCULATING OIL

Product Description

Teresstic™ AC 32 is a rust and oxidation inhibited ammonia compatible compressor and circulating oil. It is formulated primarily for equipment in ammonia production or service such as centrifugal compressors in chemical plants.

Teresstic AC 32 can be used in hydraulic systems where the pump manufacturer requires a mineral type oil that does not meet anti-wear additives such as those containing silver plated components. Nuto H oils are recommended where anti-wear properties are required by the hydraulic pump manufacturer.

Features and Benefits

Features	Advantages and Potential Benefits
Oxidation Inhibited	By employing highest quality solvent extracted paraffinic type oils, free from undesirable components and with high natural stability plus carefully selected inhibitors, oxidation resistance is provided to help prevent the formation of harmful sludges or acids
Foam Resistance	Excellent foam control helps to reduce the potential mechanical damage caused by air in oil
Rust Protection	Protect metal surface from damage by inhibiting rust
Good Demulsibility	Entrained water separates readily

Applications

- Systems with oil in ammonia contact
- Circulating splash, bath and ring oiled systems supplying lubricant for bearings and gears on industrial machinery
- Hydraulic systems that do not require an anti-wear additive

Typical Properties

Teresstic AC 32	
Viscosity cSt@40°C	32
Viscosity cSt@100°C	5.13
Pour Point, °C	-40
Flash Point, COC, °C	204
Density @ 15°C	0.868
Rust Test ⁽¹⁾	Pass

Note: ⁽¹⁾ ASTM D665 B, synthetic sea water

The values shown here are representative of current production. Some are controlled by manufacturing specifications while others are not. All may vary within modest ranges.

Health and Safety

Oils and greases in contact with skin can result in plugging of sweat glands and hair follicles or defatting of the skin. This may lead to skin irritation or dermatitis. Accordingly, good personal hygiene should always be practiced. Oil, greases, and other foreign materials should be removed from the skin promptly. TERESSTIC oils are readily removed from the skin by waterless hand cleaners, followed by washing with soap, warm water and a skin brush. Soiled clothing should not remain in contact with the skin. TERESSTIC can be removed from clothing by dry cleaning with solvents or by washing with a laundry detergent. If TERESSTIC comes in contact with the eyes, wash the eyes with fresh water until the irritation subsides.

WARNING: "Empty" containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose such containers to heat, flame, sparks, or other sources of ignition; they may explode and cause injury or death. Do not attempt to clean since residue is difficult to remove, and even a trace of remaining material constitutes an explosive hazard. "Empty" drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

Additional important health and safety information on this product can be found in the Material Safety Data Sheet which is available online at www.exxon.com or by contacting Exxon Branded Lubricants, ExxonMobil Lubricants and Petroleum Specialties Company, North America Technical Services - MSDS, 3225 Gallows Road, Fairfax, VA 22037.

All trademarks used herein are trademarks or registered trademarks of Exxon Mobil Corporation or one of its subsidiaries unless indicated otherwise.

09-2019

Imperial Oil

Petroleum and Chemicals Division
Lubricants and Specialties
240 Fourth Ave SW
C. P. 2480, Station M
Calgary AB T2P 3 M 9
1-800-268-3183

Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com

ExxonMobil is comprised of numerous affiliates and subsidiaries, many with names that include Esso, Mobil, or ExxonMobil. Nothing in this document is intended to override or supersede the corporate separateness of local entities. Responsibility for local action and accountability remains with the local ExxonMobil-affiliate entities.

Energy lives here™

ExxonMobil

Exxon Mobil Esso XTO
2015.02.1

© Copyright 2003-2019 Exxon Mobil Corporation. All Rights Reserved