GST ADVANTAGE™ RO
32, 46

PRODUCT DESCRIPTION

GST Advantage™ RO products are formulated with VARTECH® Technology, which is advanced chemistry combined with premium base oils that inhibits varnish formation to help maintain peak performance, reliability and productivity.

CUSTOMER BENEFITS

GST Advantage RO products deliver value through:

- **Low Varnish Potential** ensures varnish formation is minimized to extend oil life and protect equipment.
- **Exceptional Oxidation and Thermal Stability** for long service life at severe temperatures with minimal deposit formation.
- **Outstanding Rust and Corrosion Protection**
- **Minimum Foaming** helps prevent sump overflow or erratic governor operation.
- **Fast Air Release** minimizes possibility of pump cavitation in systems with high circulation rates and lesser residence time.
- **Rapid Water Separation** facilitates water removal.
- **Hydraulic Fluid Service** for systems requiring an ISO viscosity grade 32 or 46, and pressures not exceeding 1000 psi.
- **Air Compressor Lubricant** for systems requiring an ISO viscosity grade 32 or 46 R&O oil.

FEATURES

GST Advantage RO products are formulated with VARTECH Technology to resist and disrupt the formation of varnish while maintaining outstanding thermal and oxidative stability. They are suitable for use in non-geared gas and steam turbines where elevated temperatures are experienced and require circulation systems with exceptional high temperature stability.

GST Advantage RO combines highly refined group II base stocks and a unique ashless, zinc-free formulation minimizing the formation of deposits in reservoirs, high temperature bearings, and, other hot areas of the turbine that can lead to trips and failures.

APPLICATIONS

GST® Advantage RO products are formulated to meet the critical demands of non-geared gas, steam and hydroelectric turbine bearing lubrication and R&O service in marine reduction gears. They are additionally suitable for industrial severe service requiring an R&O, ISO viscosity grade 32 or 46 circulating oil with extended service capability.

Product(s) manufactured in the USA.
Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

A **Chevron** company product

1 November 2026
IO-88

© 2019-2026 Chevron U.S.A. Inc. All rights reserved.
Chevron, the Chevron Hallmark and GST are trademarks owned by Chevron Intellectual Property LLC. All other trademarks are property of their respective owners.

PERFORMANCE CLAIMS

	32	46
Ansaldo Energia TGO2-0171-E0000		**A**
Ansaldo Energia AD000020487	**A**	**A**
Doosan Skoda TP0010P	**A**	**A**
MAN Energy Solutions 10000494596	**A**	**A**
Siemens TLV 9013 04, TLV 9013 05	**A**	**A**
Alstom NBA P50001A	M	M
Alstom NBA P50003A	M	
General Electric (Alstom) HTGD 90117	M	M
GE Oil & Gas ITN52220.02, ITN 52220.03	M	M
General Electric GEK 28143a, b	M	M
General Electric GEK 107395A, 120498, 27070, 32568e-k, 46506d, e	M	
MAG Cincinnati Cincinnati Machine P-38	M	
MAG Cincinnati Cincinnati Machine P-55		M
Mitsubishi Power MS04-MA-CL002 (Rev. 4)	M	M
Siemens MAT 812101	M	
Siemens MAT 812102		M
Siemens Westinghouse PD-55125Z3	M	
Solar Turbine ES 9-224 Class II	M	M
ASTM D4304 Type I, III	M	M
ANSI/AGMA 9005-F16	M	M
British Standard 489	M	M
DIN 51515-1 TD, 51515-2 TG	M	M
ISO 8068 AR, B, L-TSA, L-TGA	M	M
JIS K-2213 Type 2	M	M

A: Approved for

M: Meets or exceeds requirements

Do not use in high pressure systems in the vicinity of flames, sparks and hot surfaces. Use only in well ventilated areas. Keep container closed.

Do not use in breathing air apparatus or medical equipment.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

TYPICAL TEST DATA

ISO Grade	32	46
Product Number	*253093*	*253094*
SDS Number		
U.S.	*47986*	*47986*
Canada	*47987*	*47987*
Mexico	*47988*	*47988*
API Gravity	32.5	33.0
Viscosity, Kinematic		
cSt at 40°C	34.2	42.4
cSt at 100°C	5.7	6.6
Viscosity, Saybolt		
SUS at 100°F	162.3	218.2
SUS at 210°F	44.4	48.1
Viscosity Index	105	103
Flash Point, °C(°F)	224(435)	236(456)
Pour Point, °C(°F)	-14(7)	-13(9)
Oxidation Stability		
ASTM D943[a]	10,000	10,000
ASTM D2272[b]	1,500	1,600
IP 280 (TOP), m %	0.08	0.08
Air Release D3427 at		
50°C, minutes	1.4	2.1

a Hours to 2.0 mg KOH/g acid number D943.
b Minutes to 25 psi pressure drop.

Minor variations in product typical test data are to be expected in normal manufacturing.

CONTACT INFORMATION

You can contact Chevron Global Lubricants in the United States in several ways, depending on your question or requirement, please review the following options:

Chevron Headquarters

Chevron Corporation (Corporate Offices)
1400 Smith Street
Houston, TX 77002
United States

General Questions and Feedback

Chevron Information Center: 1-800-533-6571

USA Customer Service: 1-800-526-3013

LUBETEK technical staff: lubetek@chevron.com

To locate the Chevron Lubrication Marketer or agent nearest you, visit www.chevronlubricants.com, select an industry and click on "Marketer Locator" or call 1-800-822-5823.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.