



IMPREGLON® 29XA

FRICION-REDUCTION COATING FOR CORROSIVE ENVIRONMENTS

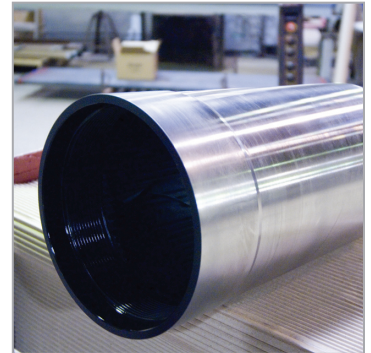
Introduction

IMPREGLON® 29XA is designed to improve the performance of oil and gas production equipment in two ways:

1. Reduces friction and wear on mating/sealing surfaces
2. Prevents galling and seizing on threads in corrosive environments

IMPREGLON® 29XA reduces or eliminates the need for:

- Conventional lubricants
- Metal plating
- Corrosion resistant alloys



Advantages

Integrated solution

- Corrosion and friction-reduction in a single solution

Long-term solution

- Dry (solid) lubrication applied directly to threads and other mating parts
- Does not wash away like “wet” lubricants (i.e. oils and greases)
- Stays in place even in harsh chemical environments

Versatile

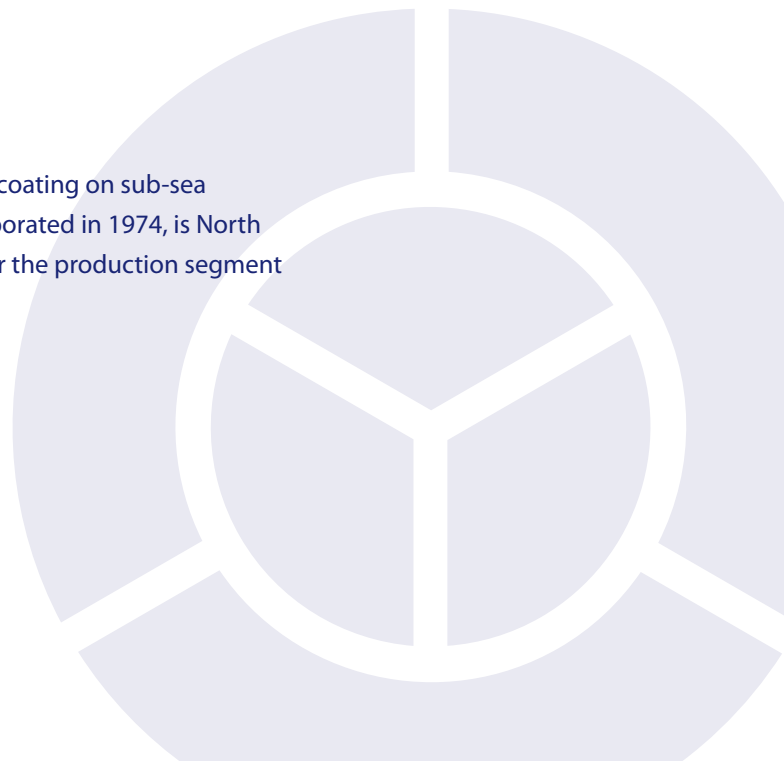
- Thin enough for use on the tightest tolerance parts
- Withstands pressures up to 150,000 psi
- Designed for use with or without oils and greases

Track Record

IMPREGLON® 29XA has proven itself effective as a friction-reduction coating on sub-sea wellhead components for over 10 years. Impreglon Coatings, incorporated in 1974, is North America’s leading applicator of thin-build fluoropolymer coatings for the production segment of the petroleum industry.

Functional Properties

Chlorinated Solvent Resistance	Very Good
Petroleum Product Resistance	Excellent
Salt Spray Resistance	Very Good
Humidity Resistance	Very Good



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Physical Properties

Thickness Range	0.5–1.5 mils / 0.0005"– 0.0015" / 12.7–38.1 micron
Maximum Operating Temperature	500F Continuous
Maximum Operating Pressure	150,000 psi
Colour	Charcoal

Typical Applications

- API & ANSI valve stem threads
- API valve gates
- CRA parts for anti-galling
- Sub-sea choke control mechanisms
- API valve seat-rings
- Swaging tools

NOTE: The information presented is based on the research and understanding of Impreglon Coatings. For new, unproven applications, we recommend lab testing, followed by a field trial, in order to ensure your complete satisfaction. Impreglon Coatings is the registered owner of the IMPREGLON® trade name in Canada and the exclusive applicator of IMPREGLON® coatings.