



RXSOL

CHEMO PHARMA INTERNATIONAL

Technical Data Sheet (TDS)

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Hydrotech 3670 RX

Hydrotech 3670 Rx is a high-performance, multi-functional chemical treatment designed for use in general hydrotesting and wellbore-related fluid systems such as packer and completion fluids. It is a synergistic **blend of corrosion inhibitors, oxygen scavengers and biocides** engineered to offer superior protection against oxidative corrosion, CO₂-induced pitting, and hydrogen sulfide (H₂S)-related sour corrosion, while simultaneously preventing microbiological growth and proliferation.

Key Features & Benefits

- Dual-functionality: corrosion inhibition + biocidal action
- Effective against CO₂ and H₂S-induced corrosion
- Controls aerobic and anaerobic bacterial growth
- Compatible with various brines and seawater
- Film-forming agents create a persistent barrier on metal surfaces
- Contains oxygen scavengers to limit oxidative attack
- Environmentally acceptable formulation (low toxicity)
- High thermal stability (up to 130°C)
- Prevents microbial-induced corrosion (MIC)
- Fast-acting, long-lasting protection
- Compatible with elastomers and metal alloys typically used in oilfield applications

Dosage and Usage

Application	Instructions
Hydrotesting	Adjust based on metallurgy and water quality
Packer/Completion Fluids	Add directly to the fluid system and mix thoroughly
General Compatibility	Compatible with typical oilfield chemicals like scale inhibitors, oxygen scavengers, etc.

Technical Properties

Appearance	:	Liquid
Colour	:	Characteristic
Odour	:	Pungent Sulphur
Density	:	> 1
Solubility	:	Miscible with water

Application

- Hydrotech 3670 Rx is suitable for use in:
- Hydrotesting pipelines and pressure vessels
 - Completion and packer fluid conditioning
 - Temporary preservation of well tubulars and components
 - Storage tank corrosion protection

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