



Downhole Products

A Varel International Energy Services Company

SPIR-O-LIZER™

Patented.

SPIR-O-LIZER's™ are positive stand-off wellbore centralisers, specifically designed for Casing, Liners & Sand Control Screens, to eliminate costly recurring problems, common in today's demanding wells. Zinc Alloy Centraliser affording proven Torque and Drag Reduction, designed with Maximum Flow-By, ensures problem free running with the lowest pressure drop of any centraliser available.



Maximum Torque & Drag Reduction.

Thousands of field runs worldwide have proven that the Spir-o-lizer's advanced metallurgy and design are reducing both torque and drag by typically 40% compared to other solid/rigid centralisers. This reduction in drag is proving invaluable in getting casing, liners, and screens to bottom with ease, in demanding and tortuous wells. Operators are reporting a 99% success rate when rotating liners during clean up and cementation utilising Spir-o-lizers. In many cases, utilising Spir-o-lizers, costly high torque connections are proving to be over specified.

Spiral Blade design assists hole cleaning & cement placement.

Eliminate laminar flow. Even without rotation, the relieved angle blades induce turbulent flow for improved cutting and filter cake removal, in preparation for radial cement placement. Due to the performance of the Spir-o-lizer™ tool, remedial cementing operations are minimised.

Maximum Flow-By with Self Cleaning Blade Design.

Fluid by-pass has been maximised to reduce resistance, increase mud sweep and optimise subsequent cement placement. Downhole hydraulics are minimised to reduce pressure on your wellbore formation and aid in the prevention of mud and cement losses. Our innovative self-cleaning blade design (patented) minimises potential solids build up and packing off in deviated applications.

Unique Non sparking Alloy.

Recommended for safe use in hazardous environments. Aluminium or Steel do not meet this criteria.

Exceptional wear resistance.

The Spir-o-lizer's resistance to abuse is unparalleled due to its resilience and ductility. Field runs have proven that the tools ability to resist wear in both cased and open hole will ensure maximum standoff throughout the string.

Extends Casing Life.

The Spir-o-lizer™ is unique, as it offers an extension to casing life by delaying the corrosion cycle, via the introduction of downhole cathodic protection.

Designed to reduce operating costs.

Track Record of Reliability. Second to None! Operators save costly rig time by virtually eliminating miss-runs, even in the world's most demanding and extended reach wells. Further cost savings are achieved by pre-installation of Spir-o-lizers prior to shipping. BS EN ISO9001-2000 Accreditation ensures a quality product and service.

For Further Information please contact:

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