

## Accurate Depth Determination of Stuck Assemblies

# Freepoint Tool

 Real-time data assists in optimizing pipe recovery operations.

## About This Product

WOS Motorized Freepoint Tools accurately determine the stuck point in pipe, tubing, or casing string. The Hall Sensor picks up movements in the assembly associated with tension, compression, or torque measurements and converts that to an AC signal. This signal is then processed at the surface by the Freepoint Panel for display and recording for permanent records.

The tools allow the operator to pinpoint the location of the stuck pipe and use traditional fishing methods to free the pipe. The real-time data allows the operator to make rapid, informed decisions regarding the next steps for recovering a stuck downhole assembly. WOS also provides traditional freepoint tools, which are electromechanical tools designed to measure the amount of torque or stretch of a given length of tubing, drill pipe, or casing. The traditional freepoint tool uses bow springs and magnets to anchor itself inside the pipe.

 Accurately measuring torque or stretch in harsh conditions.

## Benefits

- Real-time data assists in optimizing pipe recovery operations.
- Accurate depth determination of stuck assembly reduces the probability of cutting below the stuck point.
- Log interpreted in-house by WOS reduces the time between log and cut.
- Controlled electronics protect against damage to gear and drive assemblies.
- Interchangeable anchors for different assemblies.
- WOS downhole fishing division ensures a seamless operation when traditional fishing and workover operations are needed
- WOS can operate in vertical and horizontal environments allowing drill pipe, tubing, and casing to be recovered. ations are needed

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## Motorized Freepoint Tool Specs

Max OD	1-7/16"	1-9/16"
Length (ft)	8.32	8.32
Temperature Rating (F)	375	375
Pressure Rating	15,000psi	18,000psi
Logging Speed	60 fpm	60 fpm
Min. Pipe OD	1.77"	1.90"
Max Pipe OD	11.27"	11.27"
Vertical Resolution	4.03"	4.03"
Mud Type	No limitations	No limitations



 Accurately determine the stuck point in pipe, tubing, or casing.

## Features

- Ability to measure tension, compression, and torque.
- Built-in casing collar locator.
- Solid-state electronic motor control.
- Full open/close sensors.
- Seven anchor sizes are available for most applications.
- Temperature-stable Hall Sensor.
- Traditional electromagnetic freepoint utilizes bow springs and magnets to anchor itself.
- Motorized Freepoint is best for horizontal applications.

## Complementary Pipe Recovery Tools

- Stuck Pipe
- Stationary Noise Tool
- Jet, Chemical, Plasma Cutters and Split Shots
- Tubing Punchers
- Severing Tools
- Backoff Services



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