

### Well Intervention

Powered Mechanical Services

### **FEATURES**

- Up to 125 fpm with constant load
- Electromechanical design with staggered wheel setup
- GripPro<sup>TM</sup> traction control maximizes force and minimizes slippage
- Bidirectional control
- Multi or mono cable deployment

#### **BENEFITS**

- Proven 350°F (177°C) and 20,000 psi (138 MPa)
- Direct tractor force measurement
- Hydraulic oil independent of bottomhole temperature
- Adjustable on-command arm force
- API RP Rev. 3 compliant

# ClearTrac® wireline tractor service

Innovative tractor design to improve efficiency in tortuous wellbores



## **Overview**

ClearTrac® wireline tractor service is an advanced wireline conveyance technology for deviated and horizontal wells. With an electromechanical drive, staggered wheels, and real-time telemetry, ClearTrac service achieves speeds up to 125 fpm with constant load and deploys payloads up to 2,000 lbf.

The design avoids hydraulic oil changes when downhole temperatures fluctuate. It provides performance data, bidirectional movement, multi- or mono-cable deployment, compliance with API RP 67 Rev. 3, and allows for 10-minute wheel exchanges. GripPro™ torque-balanced traction control maximizes force and minimizes wheel slippage. Additionally, it offers real-time quantitative downhole tractor force measurement.

Logging-while-tractoring (LWT) includes on-command arm control and openhole wheels.

# **ClearTrac®** wireline tractor service specifications

SPECIFICATION	DESCRIPTION
Tool OD	3.25 in. (82.6 mm)
Maximum temperature	350°F (177°C)
Maximum pressure*	20,000 psi (138 MPa)
Maximum speed four-wheel drive constant force	125 ft/m (38.1 m/m) at 400 lbf (181.4 kgf)
Maximum speed six-wheel drive constant force	100 ft/m (30.5 m/m) at 600 lbf (272.2 kgf)
Maximum speed eight-wheel drive constant force	80 ft/m (24.4 m/m) at 700 lbf (317.6 kgf)
Minimum hole size	3.5 in. (88.9 mm)
Maximum hole size	13.2 in. (335.3 mm)
Tool weight four-wheel drive	404 lb (183.3 Kg)
Tension	60,000 lbf (266, 893 N)
Compression	50,000 lbf (222, 411 N)
Surface readout telemetry	Downhole tension, tractor force, inclination relative bearing, wheel speed, wheel torque wheel temperature, arm pressure and CCL LWT for CH and PL services
Surface on-command controls	Wheel direction (forward or reverse) Arm force, wheel speed, arms open or closed
Wireline	Hepta, mono-cable and coated cables
Explosive applications	API RP 67 Rev. 3 compliant for all explosives ops





Openhole wheels



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