

PrecisionSuction

Removes debris by pick-up and circulation of wellbore fluid and debris into tool

Applications

- Removes loose debris from wellbore tubing, wellbore completions and side wall of tubing e.g., fluid isolation valves and top of retrievable plugs, nipple profiles, ID changes, fish-neck, SPM cavities
- Typical debris - produced and introduced materials. e.g. muds/silts, sands, metal fragments, junk etc. proppants and other loose materials
- Typical liquids pumped - produced water, hydrocarbons, slurries
- Clean plug fish-neck and pull plug in one run

Features and Benefits

- E-line conveyed (deviated wells) or standalone (vertical)
- Pump powered by DDR with surface readout (SRO)
- Well fluids filtered out optimizing reservoir chamber collection volume
- Stackable chambers adjusted to suit available rig-up height
- Multiple nozzle options to address variety of applications
- Cost effective option - lights on logistics, footprint, personnel and time
- Precise cleaning at target location
- Safety/HSE - Surface Trapped Pressure vent ports; disposable filter-bag

The PrecisionSuction removes debris by locally circulating wellbore fluids to recover and filter downhole debris into the reservoir chambers. It is suitable for loose debris and complex completion profiles.

Service name	PrecisionSuction 350
Tool body outer diameter ¹	3.5 in. (88.9 mm)
Reservoir chamber OD	3.5 in. (88.9 mm)
Capacity per reservoir chamber	Vertical - 3.4 US Gal (2.6 l) / Horizontal - 0.87 US Gal (3.3 l)
Length single reservoir chamber	3.9 ft (1.19m)
"Standard" configuration capacity ²	Vertical - 3.4 US Gal (13 l) / Horizontal - 4.4 US Gal (16.5 l)
"Standard" configuration reservoir chambers length ²	23.9 ft (7.3 m)
"Standard" configuration total length	34.4 ft (10.48 m)
Pressure rating	15,000 psi (1.034 bar)
Temperature rating	350°F (177°C)
Tensile strength	Compatible with PRIME (212) Stroker and 388 Beagle Stroker operating ranges
Software platform/ platform	Cheetah/ PRIME enabled
Real-time measurement	Pump RPM, pump power
Pump capabilities	Available on request

¹ Tool OD only

² Standard configuration for PrecisionSuction is 5 collection but dependent on rig up height

