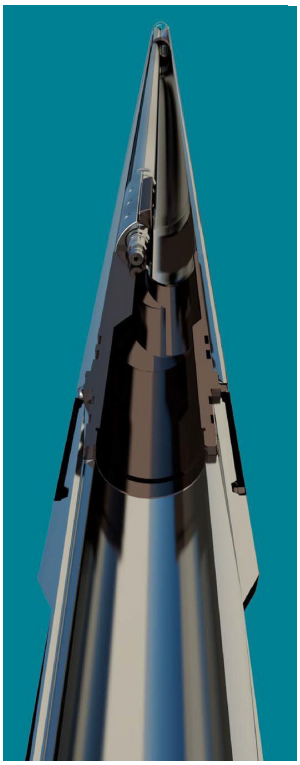
Well Flow Management

Fluids

15K TCS Carrier

Expro's 15K TCS Carrier is a drill stem test (DST) tool for conveying bottom hole samplers and fluid characterisation tools.

The 15K tubing conveyed carrier can provide up to 1.2l of single-phase reservoir fluid by using two single-phase samplers. Two Non-Reactive Samplers (NRS) can be installed to capture samples (0.4l) for trace element analysis (i.e. Mercury, Hydrogen Sulphide).



Features

- **HP/HT:** the working pressure and temperature of the carrier is 15,000psi and 400°F (full differential)
- **Triggering functions:** by annulus pressure operated rupture discs or acoustics
- **Extreme sour service:** the carrier and samplers provide service in the most hostile well environments with extreme H_2S levels
- **Full bore:** the carrier ID is full bore 2.25"/2mm offset (max. wireline tool OD: 1.75")

Benefits

- Can be operated in HP/HT wells without compromising safety
- Activation by individual rupture discs allows the operator to choose the exact time of sampling
- Each sampler may be activated individually
- The carrier can be set up with tools to be activated by the acoustic trigger
- A bypass failsafe option can be installed to activate the sampling tools by rupture disc if the acoustics fail

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Technical specifications		
Sample capacity	1.2l (2 x 600cc) single-phase sample	0.4l (2 x 200cc) NRS sample
Full bore	2.25”	
OD / ID	5.5” / 2.25”	
Main internal bore offset	23mm / 0.9”	
Max. temperature	204°C / 400°F	
All fluid exposed parts according to	NACE MR-175 / ISO 15156	
Max. differential pressure internal	15,000 psi @ 400°F (test pressure: 16,500psi)	
Max. differential pressure external	15,000 psi @ 400°F	
Design specification	API 5C3	
Tensile rating	300,000 lbf @ 400°F and 0 psi	
Make up length	28ft	
Total weight	550 kg incl. tools	
End connections	3.75” - 6 T.P.I. STUB ACME	Upon request Hydril 3.5” PH6

For more information contact your local Expro representative or email **fluids@expro.com**