

SCALE REMEDIAL PACKAGE **oilenco** **Tredwell**

Scraper Tool

The Oilenco Scraper Tool is a fully adjustable downhole scale & debris removal tool. The tool can be set to any specific diameter and precisely adjusted to suit the downhole conditions. Furthermore, the Scraper Tool has a unique 'anti jamming' feature that allows the cutting teeth to 'relax' during upward motion.

Scraper Tools are nominally sized to suit standard tubing sizes and are supplied with a set of cutting teeth to cover the entire tubing range plus any common restrictions. The Scraper Tool effortlessly removes small amounts of material with each pass. Not only is this method more efficient, it also prolongs the sharpness of the cutting teeth.

How it works

The scraper tool should be set to a diameter marginally bigger than the last known drift diameter. The tool is then run into the well and worked through any tight spots in the affected tubing area.

Once clear, the tool is returned to the surface, and the diameter slightly increased by rotating the adjustment ring. The tool is redeployed and again worked through any tight spots in the tubing. This process is repeated until the scale has been completely removed.

Features and Benefit

- Anti-jamming feature
- Size adjustable
- 360° scraper coverage
- Sampling cup can be attached to capture samples of scale

Technical Features

- Teeth material:
 - Specification: AISI 4145 API 6A PSL 3 induction hardened
 - Coating: Titanium nitride (TIN)
- Teeth hardness:
 - Core: 450-500HV, 45-50HRC
 - Coating: 2300HV, 85HRC



Size (in)		Cutting Teeth Set Range				Connections		Weight
Tubing Size	Body OD	Length	Teeth Set No	Max Dia	Min Dia	Top	Bottom	Kg (lbs)
3-1/2	2.250	25.5	#1	2.90	2.66			10.4 (23)
			#2	2.70	2.46			
			#3	2.50	2.30			
4-1/2	3.000	26.2	#1	3.89	3.61	1 7/8" OQL Male	1 7/8" OQL Female	17.7 (39)
			#2	3.65	3.38			
			#3	3.42	3.17			
5-1/2	3.750	29.2	#1	4.75	4.45			28.6 (63)
			#2	4.45	4.15			
			#3	4.15	3.85			
7	4.750	37.4	#1	6.00	5.58			57.6 (127)
			#2	5.63	5.21			
			#3	5.26	4.84			