ENSIGN
International Energy Services

RIG # 44 | Cooper LTO-250

This Cooper 250 Series is a compact well servicing and light workover rig for depths up to 10,000 ft. (3,050 m). This rig is designed for maximum manoeuvrability and performance.

The 69 ft (21 m) mast provides 150,000 lbs hook load with a 4-line string.

This self-propelled version is mounted on a 3-axle carrier and powered by a deck mounted 236hp diesel engine and Allison automatic transmission. Layouts of components on deck of carrier facilitate ease of maintenance and accessibility.

GENERAL PARTICULARS	
Depth rating:	10,000 ft w` 2 7/8" tbg.
Max. Hookload:	150,000 lbs
Year of construction/total refurbishment:	July 2004 – refurbished and certified.
Total no. of loads:	5

DRAWWORKS	Cooper
Type:	Model 250/38
Drum:	D 38" x W 10"
Drive:	Diesel / Mechanical
HP rating:	250 HP
Single line pull:	37,500 lbs
Drilling line:	7/8"
Auxiliary brake:	Kobelt 40" disc brake.

MAST	Pemco
Type:	Freestanding single
Height:	69'
Max. hookload:	150,000 lbs w` 4 lines
Racking Capability:	Tubing – single, Rods – double.
Racking capacity:	2 3/8" tbg – 12,500' 2 7/8" tbg – 9,000' 3.1/2" tbg – 6,000'

SANDLINE	
Drum:	D 38" x W 8"
Line:	9/16"
Line capacity:	12,500'

DRIVE TRAIN	Detroit Diesel
Type:	6V-71N
HP rating:	236 HP

ACCOMMODATION	Wellsite office building - Crew lunch room - Rig Manager office - Company Man office - Tool room - Washroom Internet provided

WELL CONTROL	
Accumulator	Koomey Inc / 24 Gallon
BOP	7.1/16" x #3,000

CARRIER	Cooper C4
Dimensions:	Length – 71' Width – 8' 6" Height – 13' 6"
Basic Weight:	80,000 lbs

TANK & PUMP	
Pump	Gardner Denver PAH Triplex - 300 hp 290 GPM @ 1550 psi 4.1/2" Liners
Tank	180 bbl - trailerised

SPECIAL FEATURES	FULLY TRAILERISED Free-standing mast. Internally guyed only reducing footprint for minimal location sizing