

DESIGNED BY DRILLERS FOR DRILLERS



EQUIPMENT HIRE

QikCon LW-446 Triplex Mud Pump

20 ft. Customised CSC Plated Container, Hydraulic Jacklegs and Outriggers Built-in

- 6" piston & liner assembly
- Pulsation dampener, nitrogen charged to 700 psi
- 602 Inline discharge strainer
- 3 1/8" API-5000 psi R37 type flange
- 2" & 3" welded open gate discharge valves, certified, MPI, X-rayed
- 2" 1502 Oteco Shgar pin relief valve, rated to release at 3000 psi
- Option to raise Oteco valve to meet mud tank requirements
- Remote single screen stroke counter
- Slow pump rate 20 spm with no load down to 0 spm with pressure resistance



ADDITIONAL FEATURES

Rated input power:	287 kW (385 hp)
Rated stroke:	320 strokes/min (320 spm)
Stroke:	152.4 mm (6")
Gear ratio:	4.578:1
Maximum Operational pressure:	35 mpa
Valve chamber:	API 4 valve-over
Maximum liner diameter:	6"
Maximum liner pressure:	160 strokes/min 16.9mpa
Diameter pinion shaft:	95.25 mm (3 3/4")
Key:	22.174 x 15.9 mm

Caterpillar C11 Acert ATACC diesel engine 385 hp @ 2100 rpm:

Electronic control body and governing

Air start, full hydraulic non-electric

Wireless remote air shutoff, accelerate, decelerate, idle function

Exhaust - spark arrestor and rain cap, full exhaust body glove covering

425 l diesel fuel tank

Non-maintenance 24 v high charge batteries with master isolation switch, lockable

Charge pump, shaft powered

6" Kamlock suction inlet

6 m x 6" Kamlock suction hose. Including 6" suction nipple filter/strainer

280 psi rated torpedo air vessel - certified

Radio control hydraulic jackup belly pack with emergency stop

Radio control engine management, stroke counter, accelerate, de-accelerate and idle functions

Total weight 16 tonne (15,987 kg)

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LW-446		Stroke/Minute	320	270	220	170	120	70
		Rated Input (hp)	440	380	320	260	200	200
Liner Diameter (inches)	Pressure (psi)	Gallon/Rotation	Gallon/Minute					
6	1027	2.303	661	551	441	330	220	110
5 1/2	1222	1.851	555	463	370	278	185	93
5	1479	1.53	459	382	306	229	153	76
4 1/2	1710	1.239	372	310	248	186	124	62
4	2169	0.979	294	245	196	147	98	49
3 1/2	2816	0.750	225	187	150	112	75	37

*Triplex Mud Pump is designed and manufactured to run at a maximum of 80%, 280 strokes @ 550GPM