

Pump Inspection Report

WO # 22091

Date: July 22, 2020

Customer: Torc Location: 14-10-11-29w1 East G.D. TQW Area:

FLUID END AREA:

Front Valve Caps	Type:	Condition:
Top Valve Caps	Type: 2hole	Condition: Good

Suction Line Connections:	T	F	Piping:	W	T	Size:	Leaks: no
Discharge Line Connections:	T	F	Piping:	W	T	Size:	Leaks: no

CONDITION

Valve Pots Suction	#1	fair	#2	fair	#3	fair	#4		#5	
Valve Pots Discharge	#1	good/fair	#2	good/fair	#3	good/fair	#4		#5	
Valve Suction	#1	recondition	#2	recondition	#3	recondition	#4		#5	
Valve Discharge	#1	recondition	#2	recondition	#3	recondition	#4		#5	
Stuffing Box	#1	good	#2	good	#3	good	#4		#5	
Plunger	#1	good	#2	good	#3	good	#4		#5	
Packing	#1	New	#2	New	#3	New	#4		#5	

Screen Pot	Good	Brass:	Good
Dampener:	Good	Valves:	Good

Packing Type & Valves: 838, Coors Delrin Plunger Type & Size: Ceramic 2 1/2"

POWER END AREA:**CONDITION**

Pony Rods:	#1	poor	#2	poor	#3	poor	#4		#5	
Packing / Seals:	#1	good	#2	good	#3	good	#4		#5	
Baffles:	#1	good	#2	good	#3	good	#4		#5	
Crossheads:	#1	good	#2	good	#3	good	#4		#5	
Pins & Bushings	#1	Fair	#2	Fair	#3	Fair	#4		#5	
Con Rod Shells:	#1	fair	#2	fair	#3	fair	#4		#5	
Crank Journals:	#1	fair/poor	#2	fair/poor	#3	fair/poor	#4		#5	
Lubricator Pump	#1		#2		#3		#4		#5	

Lube Pumps:	(Inj)	X	(Drip)		Lubricator:	Good	Lube Lines:	Good
Belt:	Good	Belt Guard:	good		Motor Sheave:	Good		
Tie Downs:	Good	Oil Switch:	good		Vibration Switch:	Good		
Main Bearings:	(LH)	Good	(RH)	Good				
Crank Seals:	(LH)	Good	(RH)	Good	Center Bearings:	none		
Oil Condition:	New	Oil Capacity:			Oil Safety SD:	Good		

Details of work done: Completed service on East GD TQW. Changed packing, extension rod seals, valves, oil. Check power end, desurger. Titanium Coors valves pulled & installed. Changed belt on west GD TQW. Extension rods are poor (1piece). Crank journals are worn but pump only runs at 200psi now (used to be 650). Lap fluid end next service.

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CUSTOMER: Torc LOCATION: 14-10-11-29w1 East G.D. TQW AREA:

Pump Model: G.D. TQW	Pump S/N:	Fluid End:
Pump Rate:	Pump RPM: 543	Operating Pressure: 200psi
Plunger Size: 2 1/2"	Plunger Type: Clamp	Plunger Material: Ceramic
Packing: 2 1/2 x 3 1/2"	Type:	
Valve Suction:	Valve Discharge:	Belts: 5Vx1180
Driver: Emerson	Driver HP: 50	Driver RPM: 1180
Driver S/N:	Shaft/Frame Size: 365T	Bearing Size: 1:
Driver Sheave: 3GR5V9.75	Pump Sheave: 3GR5V21.2	Bearing Size: 2:
Pop Valve Size: 1"Taylor (date: Apr 2018)	Pop Valve Setting: 1000 psi	Lubricator: CPI 701203
Max. Output PSI: 675	Max. Output: 347 m3/day	Max. RPM: 400
Currently Set For:		

DESURGERS

Suction: Coors \$T1503F	Charge Pressure:	Supports: 3" 150
Discharge: Coors \$14002F	Charge Pressure: 300psi	Supports: 2" 600

Other Accessories & Information:

Work Completed By: Performance Pump Service Ltd.

Contact: Brady/Brendan

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