



#1956

National Oilwell 300HP Oil Shipping Pump Package

FOR IMMEDIATE SALE



When is the last time you saw a used pump that was TRULY field ready? This National 300Q-5M pump was in LACT service until 2016; it was shut down only because of a change of business structure as all the oil now is being handled just down the road by a 3rd party processor. We did an in depth inspection and have determined that this pump, if the plunger size works for you, is ready to re-deploy today. The package has no measurement systems as it was performed in a separate building on site.

Located in west-central Alberta it can be on a truck and moved out quickly – If you need it re-configured for a slightly different use, let us help you with any piping and layout changes as needed or ship it a shop of your choice. Fully wired to JB's for additional savings on site. Check out the 3D tour of this one (last page) and call us today!

#1956

National Oilwell 300HP Oil Shipping Pump Package



Condition	Field run/Minor repairs needed.
Location	Devon, Alberta
Availability	Immediate
Service	Sour
Piping	6" 150# Inlet; 4" 600# Outlet
Electrical	Current 300hp, 1185 rpm electric motor is 2300/4160 Volts.
Dimensions	Building/skid is 19'3" long x 17'4" wide. 15' shipping height



Take a 3D walkthrough at <https://bit.ly/3f5hFUp>

Pump & Accessories

MAIN PUMP, MOTOR AND EQUIPMENT

Quintuplex pump:

- National 300Q-5M
- Aluminum Bronze Fluid End
- Currently has 2.750" Ceramic Plungers
- Maximum Continuous RPM Rating: 450RPM
- Rated for 300HP Continuous Duty
- Sheave Kit and V-Belt Drive
- Steel Belt Guard
- 5 Feed Lubricators w/ 55 Gal Oil Reservoir
- Suction & Discharge 300cu In Stabilizers

Pump Notes:

Pump Motor:

- TECO Westinghouse 300 HP Electric Motor
- TEFC; 1185RPM
- 2300/4160 Volts/3/60VAC
- We inspected both the main bearings and 3/5 rod bearings – all are in adequate condition to go back into service as is.
- Cross head clearance is good at 0.012" on all five.
- suction & discharge valve are spherical and in great shape. The valve pots are in excellent condition as well.
- More internal inspection notes are available for review

Model	Plunger	Gal/Rev	Max PSI	Max kPa	100 RPM		200 RPM		250 RPM		300 RPM		350 RPM		400 RPM	
					m ³ /d	GPM	m ³ /d	GPM	m ³ /d	GPM	m ³ /d	GPM	m ³ /d	GPM	m ³ /d	GPM
National 300Q-5L	4.0"	136	851	5867	741	136	1483	272	1853	340	2224	408	2595	476	2965	544
	3.75"	11953	969	6681	651	120	1303	239	1629	299	1955	359	2281	418	2606	478
	3.5"	10412	1112	7667	567	104	1135	208	1419	260	1703	312	1986	364	2270	417
	3.25"	0.8978	1290	8894	489	89.8	979	180	1224	225	1468	269	1713	314	1957	359
	3.0"	0.765	1514	10439	417	76.5	834	153	1042	191	1251	230	1459	268	1668	306
	2.75"	0.6428	1650	11376	350	64.3	701	129	876	161	1051	193	1226	225	1401	257
National 300Q-5M	2.75"	0.6428	1801	12417	350	64.3	701	129	876	161	1051	193	1226	225	1401	257
	2.5"	0.5312	2180	15031	289	53.1	579	106	724	133	869	159	1013	186	1158	213
	2.25"	0.4303	2691	18554	234	43	469	86.1	587	108	704	129	821	151	938	172
	2.0"	0.34	3000	20684	185	34	371	68	463	85	556	102	649	119	741	136
National 300Q-5H	2.0"	0.34	3406	23484	185	34	371	68	463	85	556	102	649	119	741	136
	1.75"	0.2603	4449	30675	142	26	284	52.1	355	65.1	426	78.1	497	91.1	567	104
	1.5"	0.1912	5000	34474	104	19.1	208	38.2	261	47.8	313	57.4	365	66.9	417	76.5
Brake HP Required					76		151		188		225		263		300	

Building and Electrical

INSTRUMENTATION

- Suction & Discharge pressure Indicators
- Discharge Pressure & Temperature Transmitters
- CCS snap switches for Low/High Suction & Discharge Pressures
- Murphy High Vibration Switch
- Murphy EX Low Oil Level Shutdown
- Sump Level Switch

SKID

- 19'3" long x 17'4" wide
- Checker Plate Flooring
- 2" Drip Lip Around Skid
- One (1) Open Sumps
- Sump: High Level Sump Switch
- Skid does not have lifting lugs and may not be heavy enough to add lifting lugs for lifting. Skid likely needs to be jack & rolled. A heavier skid could be added under existing skid.

BUILDING

- Gable Style Building
- Ice Rakes
- Four (4) 12" x 18" Louvers w/ closers
- Two (2) Single Man Door
- One (1) Roll up overhead Door

ELECTRICAL

- Two (2) Interior Lights w/ Switches
- Two (2) Exterior Lights w/ Switches
- One (1) High Mount Exhaust Fan w/ switch
- One (1) Low Mount Exhaust Fan w/ switch
- One (1) 120V Electrical Receptacle
- One (1) ESD Buttons
- One (1) Roughneck XP heaters w/ thermostats

END DEVICES CONNECTED TO JB'S

- One (1) pressure transmitter - Discharge
- One (1) Temperature transmitter - Discharge
- Two (2) CCS Snap Switches - High/Low Discharge
- Two (2) CCS Snap Switches - High/Low Discharge
- One (1) oil level switch low
- One (1) sump level switch











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