

Cylinders for Offshore Applications (without Fire Fighting Cylinders for Tug Boats)

Reference list since 1998



Customer	Country	Application	Quantity	Dimensions (mm) piston/rod/stroke	Rod coating / Material	Delivery date
Hydralift ASA	Norway	Riser tensioner offshore cylinders	24	Ø 560 /230/ 15.240	Ceraplate	1998 - 2000
Hydralift ASA	Norway	Piston rod for riser tensioner system	3	Ø /230/ 15.240	Ultraplate	2002
Vosper Thronycroft	UK	Piston rod for keel lift cylinder of a sailing yacht	1	Ø 320 / 190 / 6000	Ultraplate	2002
Seacore Ltd.	UK	Cylinders for walking platform Seawalker	29	Ø 320 / 160 / 3000	Ceraplate	2002
Jafo GmbH	Germany	Cylinder for oil fighting boat	2	Ø 220 / 160 / 1.450	Ultraplate	2004
Powertech Ltd.	China	Cylinder for piling barge operation	1	Ø 900 / 540 / 11.470	Ceraplate	2004
Menck GmbH	Germany	Piston accumulator for sub-sea unit	7	Ø 240 outside diam. / 1.870	Ultraplate	2004

Powertech Ltd.	China	Cylinder for piling barge operation	1	Ø1.000 / 650 / 12.870	Ceraplate	2004
Mohnsen Hydraulik	Germany	Drain gate cylinder for old ship lock in Brunsbüttel	11	Ø 140 / 100 / 3.600	Ultraplate	2004
I.P. Huse AS	Norway	Offshore winch cylinder rods	4	Ø 240 / 4.216	Ultraplate	2005
I.P. Huse AS	Norway	Offshore winch cylinder rods	4	Ø 240 / 4.216	Ultraplate	2005
I.P. Huse AS	Norway	Offshore winch cylinder rods	2	Ø 240 / 4.316	Ultraplate	2005
Powertech Ltd.	China	Cylinder for piling barge operation	1	Ø800 / 500 / 9.500	Ceraplate	2005
I.P. Huse AS	Norway	Offshore winch cylinder rods	4	Ø 240 / 4.216	Ultraplate	2006
I.P. Huse AS	Norway	Offshore winch cylinder rods	4	Ø 240 / 4.216	Ultraplate	2006
National Oilwell Varco	Norway	Offshore crane cylinders	8 8	Ø 450 / 340 / 5080 Ø 380 / 260 / 3800	Ultraplate & hard chrome	2006
National Oilwell Varco	Norway	Offshore crane cylinders	4 4	Ø 450 / 320 / 5080 Ø 380 / 250 / 3800	Ultraplate & hard chrome	2006
National Oilwell Varco	Norway	Offshore crane cylinders	6 6	Ø 420 / 320 / 5080 Ø 380 / 250 / 3845	Ultraplate & hard chrome	2006
Powertech Ltd.	China	Cylinder for piling barge operation	1	Ø1.000 / 650 / 12.870	Ceraplate	2006
Powertech Ltd.	China	Cylinder for piling barge operation	1	Ø 900 / 540 / 11.470	Ceraplate	2007
National Oilwell Varco	Norway	Offshore crane cylinders	16 16	Ø 420 / 320 / 5080 Ø 380 / 250 / 3845	Ultraplate & hard chrome	2007
National	Norway	Offshore crane	8	Ø 450 / 340 / 5080	Ultraplate &	2007

Oilwell Varco		cylinders	8	Ø 380 / 260 / 3800	hard chrome	
National Oilwell Varco	Norway	Offshore crane cylinders	18 18	Ø 470 / 360 / 5080 Ø 380 / 250 / 3845	Ultraplate & hard chrome	2007
Powertech Ltd.	China	Cylinder for piling barge operation	1	Ø 900 / 540 / 11.470	Ceraplate	2007
I.P. Huse AS	Norway	Offshore winch cylinder rods	4	Ø 240 / 4.316	Ultraplate	2007
National Oilwell Varco	Norway	Offshore crane cylinders	8 8	Ø 420 / 320 / 5080 Ø 380 / 250 / 3845	Ultraplate & hard chrome	2008
National Oilwell Varco	Norway	Offshore crane cylinders	20 20	Ø 470 / 360 / 5080 Ø 380 / 250 / 3845	Ultraplate & hard chrome	2008
National Oilwell Varco	Norway	Offshore crane cylinders	24 24	Ø 450 / 340 / 5080 Ø 380 / 260 / 3800	Ultraplate & hard chrome	2008
Powertech Ltd.	China	Cylinder for piling barge operation	1	Ø1.000 / 650 / 12.870	Ceraplate	2008
I.P. Huse AS	Norway	Offshore winch cylinder rods	4	Ø 240 / 4.316	Ultraplate	2008
National Oilwell Varco	Norway	Riser tensioner offshore cylinders	12	Ø 560 / 230 / 15.240	Ultraplate	2008
De Beers	South Africa	Offshore heave compensating cylinders	2	Ø 280 / 125 / 9.500	Ultraplate	2009
National Oilwell Varco	Norway	Offshore crane cylinders	7 7	Ø 420 / 320 / 5080 Ø 380 / 250 / 3845	Ultraplate & hard chrome	2009
National Oilwell Varco	Norway	Offshore crane cylinders	40 40	Ø 450 / 340 / 5080 Ø 380 / 260 / 3800	Ultraplate & hard chrome	2009
National Oilwell Varco	Norway	Offshore crane cylinders	2 2	Ø 470 / 360 / 5080 Ø 380 / 250 / 3845	Ultraplate & hard chrome	2009

JAMSTEC , Yokohama Institute for Earth Sciences	Japan	Riser tensioner offshore cylinder rods	3	Ø 230 / 15.500	Ultraplate	2009
National Oilwell Varco	Norway	Riser tensioner offshore cylinders rods	18	Ø 560 / 230 / 15.240	Ultraplate	2009
Powertech Ltd.	China	Cylinder for piling barge operation	2	Ø1.000 / 650 / 12.870	Ceraplate	2009
JAMSTEC , Yokohama Institute for Earth Sciences	Japan	Riser tensioner offshore cylinder rods	3	Ø 230 / 15.500	Ultraplate	2010
National Oilwell Varco	Norway	Offshore crane cylinders	8 8	Ø 450 / 340 / 5080 Ø 380 / 260 / 3800	Ultraplate & hard chrome	2010
National Oilwell Varco	Norway	Offshore crane cylinders	1 2	Ø 470 / 360 / 5080 Ø 380 / 250 / 3845	Ultraplate & hard chrome	2010
National Oilwell Varco	Norway	Offshore crane cylinders	1	Ø 420 / 320 / 5080	Ultraplate & hard chrome	2010
National Oilwell Varco	Norway	Offshore crane cylinders	23 22	Ø 450 / 340 / 5080 Ø 380 / 260 / 3800	Ultraplate & hard chrome	2010
National Oilwell Varco	Norway	Offshore crane cylinders	4 4	Ø 470 / 360 / 5080 Ø 380 / 250 / 3845	Ultraplate & hard chrome	2010
Whittaker Engineering	UK	Jacking cylinder rod	1	Ø ... / 203 / 1760	Ultraplate	2010
National Oilwell Varco	Norway	Offshore crane cylinders	24 24	Ø 450 / 340 / 5080 Ø 380 / 260 / 3800	Ultraplate & hard chrome	2011
Powertech Ltd.	China	Cylinder for piling barge operation	1	Ø 900 / 540 / 11.470	Ceraplate	2011
Aquamarine	UK	Cylinders for wave	3	Ø 590 / 350 / 4000	Ultraplate	2011

		power plant				
National Oilwell Varco	Norway	Offshore crane cylinders	4 4	∅ 350 / 280 / 4435 ∅ 280 / 230 / 3450	Ultraplate & hard chrome	2011
National Oilwell Varco	Norway	Offshore crane cylinders	2 2	∅ 550 / 410 / 5670 ∅ 460 / 360 / 5709	Ultraplate & hard chrome	2011
National Oilwell Varco	Norway	Offshore crane cylinders	4 4	∅ 550 / 410 / 5565 ∅ 520 / 340 / 4315	Ultraplate & hard chrome	2011
National Oilwell Varco	Norway	250 ton Double Piston Accumulator cylinder	4	∅ 660 / 260 / 2651	S 355J2-N	2011
Jangsu Chenguang Sunde	China	Machining of piston rods for offshore application	8 10 2	∅ 110 x 7342 ∅ 150 x 7179 ∅ 180 x 7300	Ceraplate	2011
National Oilwell Varco	Norway	Offshore crane cylinders	3 2	∅ 520 / 410 / 5780 ∅ 520 / 380 / 4400	Ultraplate & hard chrome	2011
National Oilwell Varco	Norway	100 ton Double Piston Accumulator cylinder	3	∅ 540 / 290 / 2056	S 355J2-N	2011
National Oilwell Varco	Norway	Offshore crane cylinders	4	∅ 380 / 280 / 3772	Ultraplate & hard chrome	2011
National Oilwell Varco	Norway	Offshore crane cylinders	2 2	∅ 420 / 320 / 5080 ∅ 380 / 250 / 3845	Ultraplate & hard chrome	2011
National Oilwell Varco	Norway	Crown Mounted Compensation System CMC-E: Main cylinder	6	∅ 480 / 320 / 8890	S355J2H/E355 +N	2012

		Accumulator	3	Ø 610 / 11292	P355QH1	
		Equalizing cylinder	6	Ø 280 / 110 / 5100	34CrNiMo6V	
National Oilwell Varco	Norway	100 ton Double Piston Accumulator cylinder	12	Ø 540 / 290 / 2056	S 355J2-N	2012
National Oilwell Varco	Norway	Double Piston Accumulator cylinder	1	Ø 660 / 260 / 2100	S 355J2-N	2012
National Oilwell Varco	Norway	Offshore crane cylinders	2 2	Ø 450 / 340 / 5080 Ø 380 / 260 / 3800	Ultraplate & hard chrome	2012
National Oilwell Varco	Norway	Offshore crane cylinders	22 22	Ø 550 / 410 / 5670 Ø 460 / 360 / 5709	Ultraplate & hard chrome	2012
National Oilwell Varco	Norway	Offshore crane cylinders	24 24	Ø 470 / 360 / 5080 Ø 380 / 280 / 3845	Ultraplate & hard chrome	2012
National Oilwell Varco	Norway	Offshore crane cylinders	2 4 6	Ø 470 / 360 / 5080 Ø 470 / 340 / 5080 Ø 380 / 260 / 3845	Ultraplate & hard chrome	2012
National Oilwell Varco	Norway	Offshore crane cylinders	2 4 6	Ø 470 / 360 / 5080 Ø 470 / 340 / 5080 Ø 380 / 260 / 3845	Ultraplate & hard chrome	2013
National Oilwell Varco	Norway	Offshore crane cylinders	8 8	Ø 550 / 410 / 5670 Ø 460 / 360 / 5709	Ultraplate & hard chrome	2013
National Oilwell Varco	Norway	Double Piston Accumulator cylinder	2	Ø 540 / 290 / 2056	S 355J2-N	2013
National Oilwell Varco	Norway	Double Piston Accumulator cylinder	2	Ø 660 / 260 / 2651	S 355J2-N	2013

National Oilwell Varco	Norway	Offshore crane cylinders	6 6	Ø 470 / 360 / 5080 Ø 380 / 260 / 3845	Ultraplate & hard chrome	2013
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Offshore special cylinders in total since 1998: **845**

Lohr am Main, March 2013