

RIG PRODUCTS

Replacement parts for oil and gas drilling rigs - in and out of production

Cardwell

Cardwell produced an excellent line of rigs.

Many of these rigs are still in active service throughout the world's major oil drilling locations. Black Gold Pump & Supply, Inc. has extensive experience with Cardwell rigs through its sister company, King Well, which operates a fleet of Cardwell rigs. When Cardwell ceased production, we used our own expertise and connections with Bridges Equipment's fabrication and engineering to ensure an ongoing parts supply.

Advantages of sourcing Cardwell parts from Black Gold:

- We carry one of the largest inventories of rig parts
- Reverse engineering of out of production parts
- Rely on Black Gold for continued support to equipment
- Remanufactured parts built to specific requirements
- If we don't have the part in our inventory we will have it made



Standco Industries Inc. Products

Black Gold offer the following premium Standco brake block products for the oil and gas industry.

- Standco's high quality RED BULL brake blocks are available for all drawworks and are manufactured to rigid quality standards. RED BULL brake blocks have excellent wear characteristics and superior friction performance.
- Thick 120° beveled head absorbs thrust of the blocks, preventing them from working loose or pulling the screw head through the blocks. Need for brass ferrules is eliminated.
- After several years of intensive R&D Standco has developed an unparalleled asbestos free brake block. Outstanding friction characteristics, low fade, extended wear life, and employee safety make this block the only choice for the well servicing industry.



Eaton Airflex

Recognized industry leader for brake and clutches

Airflex products are used in the oil and gas field industry on drilling equipment such as drawworks, top drives, rotary tables, engine drives and also on mooring systems for offshore production.

The primary feature of the CB design and construction is the Airflex torsional resilient principle made possible by the transmission of power through the side walls of the flexible neoprene and cord actuating tube.

Airflex products provide our clients with the following benefits:

- Experienced field sales and application engineering teams
- Personnel to ensure proper selection of braking system
- Superior CB design that permits minor shaft misalignment



The Oil and Gas Industry's "One-Stop" Supply Store

RIG PARTS

A Guide to our Rig Part Offering

As a “one Stop Shop” we pride ourselves on being able to meet all your needs.

The chart below is an indication of our rig part offering. When ordering or inquiring about a part please provide if possible:

- Model number, make and year
- Specify function of part such a brake or clutch, etc
- Any specification such as dimensions
- If not data available we will require detailed description
- Parts no longer in production can be reversed engineered around the replacement part a client send to us



Sample EATON AirFlex Clutches

EATON AirFlex CB Clutches			EATON AirFlex VC Clutches		
MODEL (CB)	TORQUE RATING		MODEL (VC Narrow sizes)	TORQUE RATING	
	lb/in @75psi	N/M @ 5.2bar		lb/in @75psi	N/M @ 5.2bar
3CB150	360	41	11.5VC500	27,000	3,050
4CB200	1,000	113	14VC500	39,200	4,430
5CB200	1,460	165	16VC600	65,000	7,350
6CB200	2,040	231	20VC600	93,000	10,500
8CB250	4,290	485	24VC650	135,000	15,300
10CB300	8,150	921	28VC650	182,000	20,600
12CB350	13,300	1,500	33VC650	255,000	28,800
14CB400	19,700	2,230	37VC650	320,000	36,200
16CB500	35,200	3,980	42VC650	380,000	42,900
18CB500	44,000	4,970			
20CB500	53,600	6,060			
22CB500	62,300	7,040			
24CB500	75,000	8,480			
26CB525	92,400	10,400			
28CB525	106,000	12,000			
30CB525	121,000	13,700			
32CB525	137,000	15,500			
36CB525	172,000	19,400			
40CB525	211,000	23,800			
45CB525	260,000	29,400			

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