

Spare Gear

for Burmeister & Wain's Diesel Engines No. 287

Yard No. 287 Steel Twin Sc. 4 Mat. Sr. "S i a m".

Main Diesel Engines:-

- 4 crank pin top brasses with bolts and nuts.
- 4 crosshead bottom brasses with bolts and nuts.
- 1 pair of main bearing brasses of each size with bolts and nuts.
- 1 piston complete with rod and nut.
- 28 piston packing rings.
- 16 exhaust valves, with seats, spindles, springs etc. complete ready for insertion.
- 4 exhaust valve spindles.
- 2 starting valves with seats, spindles, springs etc. complete.
- 4 fuel valves with seats, spindles, springs etc. complete.
- 2 rollers complete for air inlet valves.
- 2 do. " for exhaust valves.
- 2 do. " for fuel valves.
- 2 do. " for starting valves.
- 1 fuel pump complete.
- 1 fuel pump chamber.
- 2 air pump suction valves with springs and seats complete.
- 2 air pump delivery valves with springs etc. complete.
- 1 escape valve for air pump complete.
- 1 air pump piston complete.
- 1 pair of air pump crank pin and crosshead brasses with bolts.
- 1 set of studs and nuts for one cylinder covers.
- A quantity of leather packings.
- 2 springs for safety valves on working air bottles and fuel distributors.
- 4 springs for fuel pump suction valves.



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4 springs for fuel pump delivery valves.  
4 " " " " safety valves.  
4 " " " " non return valves.  
4 " " fuel valves.  
8 " " exhaust valves.  
4 " " starting valves.  
4 " " air pump suction valves.  
4 " " " " delivery valves.  
8 " " check valves on fuel distributors.  
2 " " fuel pump safety valves.  
2 " " safety valves on cylinder covers.  
2 " " starting slide valves.  
2 " " the Aspinal's governors  
2 " " manoeuvring levers  
8 " " the lifting gear for exhaust valves.  
8 " " the indicator gear.  
2 " " starting valve levers.  
2 " " fuel stop valves.  
2 " " starting valve for reversing engine.  
2 " " non return valve on reversing motor.

Auxiliary Diesel Engines.

1 set of crank pin brasses with bolts and nuts  
1 " " cross head brasses  
1 " " main bearing brasses of each size with bolts and  
nuts.  
14 piston rings.  
8 exhaust valves complete.  
2 exhaust valve spindles.  
2 fuel valves complete.  
2 low pressure air pump pressure valves complete.  
2 high pressure air pump pressure valves complete.  
2 " " " " suction valves complete.  
3 piston rings for low pressure air pump of each size.  
5 " " " high pressure air pump.  
2 suction valves with springs for fuel pump.

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- 2 delivery valves with springs for fuel pump
- 2 fuel pump pistons.
- 1 set of studs and nuts for cylinder covers.
- 1 " " valves for one air compressor.
- 1 " " crank pin and crosshead brasses for air compressors.
- A quantity of leather packings for fuel pump pistons.
- A " " " " for controlling piston.
- 8 springs for exhaust and air inlet valves.
- 2 " " starting valves.
- 4 " " fuel valves.
- 6 " " guide arms.
- 1 " " the governor.
- 3 " " low pressure air pump delivery valves.
- 2 " " high pressure air pump delivery valves.
- 2 " " high pressure air pump suction valves.
- 4 " " levers for the sectors.
- 4 " " check valves on the fuel distributors.
- 1 " " air pump safety valves.
- 2 " " fuel pump suction valves.
- 2 " " " " delivery valves.

Auxiliary machinery.

- 1 set of wings for one rotary bilge pumps.
- 1 " " " " " " sanitary pumps.
- 1 " " " " two " force lubricating oil pumps.
- 1 " " " " one rotary ballast pump.
- 1 " " " " " " fuel pump to the daily  
supply tanks.
- 1 set of piston rings for the ordinary oil motor.
- 1 ignition bulb for " " " "
- 1 spring for each size of safety valves.
- 1 cover for air bottles complete.

Donkey Boiler.

- 1 spring for safety valves.
- 1 feed check valve.



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1 burner for liquid fuel.  
 $\frac{1}{2}$  set of feed pump valves.  
8 water guage glasses.

Shafting.

1 propeller shaft complete  
1 set of coupling bolt and nuts.  
2 cast iron propellers  
A quantity of assorted bolts and nuts.  
Iron of various sizes.  
Various spare parts for electric dynamos and motors, and  
for the electric lighting installation.



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