

Asano Dockyard No 270  
Aux. Engines No 141-142  
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STEEL KORKS, LTD.,  
YOKOHAMA, JAPAN.

SPARE GEARS

FOR THREE AUXILIARY DIESEL ENGINES & AUX. COMPRESSORS

cylinder cover complete with all valves and etc  
ready to be fitted.

Main bearing bolts and nuts.

set of main bearing brasses.

crank pin bearing bolts and nuts.

set of crank pin brasses.

set of gudgeon pin brasses.

gudgeon pin.

suction valve complete.

exhaust valve complete.

set of fuel pump complete.

fuel needle valves.

fuel valves complete.

fuel nozzles with valve seats.

safety valve complete.

piston rings.

oil scraper rings.

set of cam shaft driving wheels.

fuel cam complete.

Roller with pin for push rod.

Overflow valve with bush and spring )

suction valve with spring )

Delivery valve with spring )

plunger with bush and spring )

Driving roller and pin )

for fuel pump



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at least 1 piece of all springs.

complete set of ball bearings.

set of gear wheels with bearing bushes for oil pump.

set of bolts and nuts for cylinder cover.

Fuel pipes with joints at delivery side.

Fuel oil filter bag.

Lubricating oil filter bag.

set of packings for

Cylinder liner and jacket.

Cylinder cover.

Main valves.

Exhaust pipe on cylinder cover.

Fuel pump.

Air vessel head of cooling water pump.

set of packing material, consisting of

1/2 sq.m. asbestos 1.5 m. thick.

1/2 " rubber cloth 2.5 mm. thick.

2 m. cotton cord 8 mm. thick.

2 " " 3 " "

1/2 sq.m. grey carboard.

1/2 " jointing.

1/2 " HP packing

1 copper plate 300 x 300 x 1.5 mm.

tools:-

1/2 kg. - flaked graphite.

1/2 " - hard solder.

1/2 " - soft solder.

1/2 " - soldering flux.

2 tins valve grinding paste.

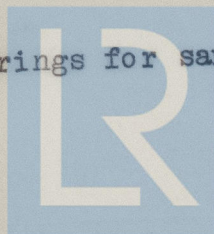
1 tin dull black paint.

1 bottle of tar oil for cleaning engine parts.

set each of piston rings for stage, I. II and III.

set each of suction and delivery valves for stage I, II and III.

set each of valve rings and springs for same in further reserve.



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YOKOHAMA STEEL WORKS, LTD.,  
YOKOHAMA, JAPAN.

- 1 - set of screw with nuts for cylinder cover, piston lower connecting rod bearing.
- 1 - set of connecting rod top and bottom end brasses with bolt and nut.
- 1 - set of crank shaft bearing brasses.

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*A. D. Morrison*



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