



RESPONSIBILITY:

REPORT
LUBRICATION OIL TEST

09 JUNI 1993

CIRCUIT:

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OIL TESTED: .Q.8...SCHUMANN 68

TEST COMPRESSOR: HV2/300. TWO STAGE WATER COOLED AIR COMPRESSOR.

DURATION OF TEST: 300 HOURS

TEST DESCRIPTION: THE TEST COMPRESSOR IS SHOWN IN FIG. 2.
TEMPERATURES AND PRESSURES TYPICAL FOR
THE COMPRESSOR DURING TEST PERIOD IS SHOWN
IN FIG. 3. (THESE VALUES ARE NORMAL FOR
COMPRESSOR IN OPERATION)

TEST RESULTS:

- OIL CONSUMPTION: 5.5 . LITRES IN 3.14. HOURS.
- WEAR: NOT MEASURABLE.
- DEPOSITS: L.P. VALVES IS .NEARLY CLEAN
H.P. VALVES IS .NEARLY CLEAN
COOLER L.P. SIDE IS .NOT CHECKED
COOLER H.P. SIDE IS .NOT. SPECIALLY GOOD
OIL IN CRANK CASE: SOUND APPEARANCE.

PHOTOS:

- L.P. VALVE
- L.P. VALVE CLAMPING PIECE
- H.P. VALVE
- H.P. VALVE CLAMPING PIECE
- H.P. COOLING (TUBE SHEET AT INLET END OF COOLER)
SHOWN IN FIG. 4.

CONCLUSION: ☒ ACCEPTED FOR USE ON SPERRE AIR COMPRESSORS.
☐ NOT ACCEPTED FOR USE ON SPERRE AIR COMPRESSORS.

THE AMOUNT OF DEPOSITS ON BOTH VALVES AND COOLERS
ARE ABOVE AVERAGE FOR SYNTETIC OILS TESTED ON HV2/300.

RATING: 6 / 10 RATING SYSTEM: 0/10 - FAILED.

1/10 & 2/10 - NOT TO BE USED ON COMPR.

3/10 & 4/10 - NOT RECOMMENDABLE.

5/10 & 10/10 - RECOMMENDED FOR USE.

1/6-93 B. Rimeri

☒ SPERRE INDUSTRI A/S
N-6057 ELLINGSØY

☒ 47 71 36 011

☒ 47 71 36 461

☒ 42 509 SPAIR N

☒ BANKGIRO/AC. 5353.05.00590
DEN NORSKE BANK. N-6001 AALESUND

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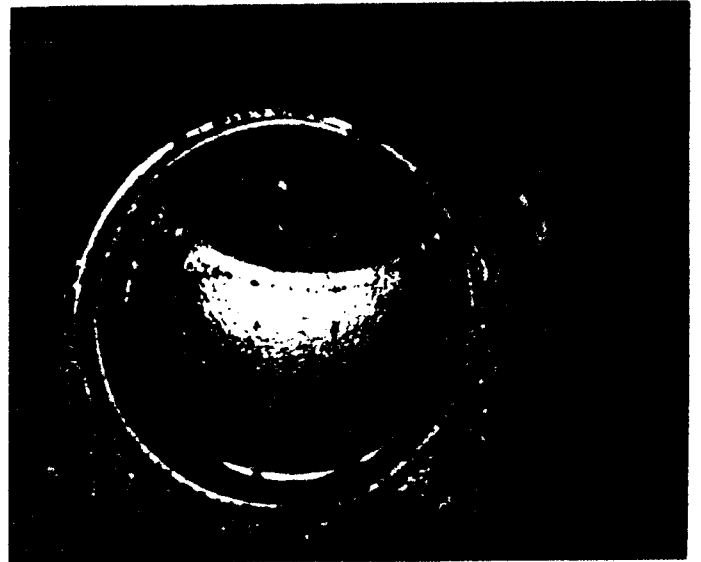
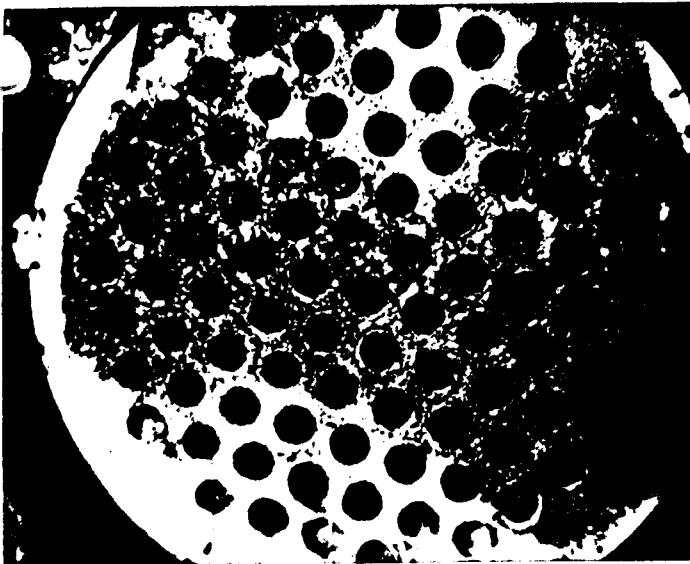
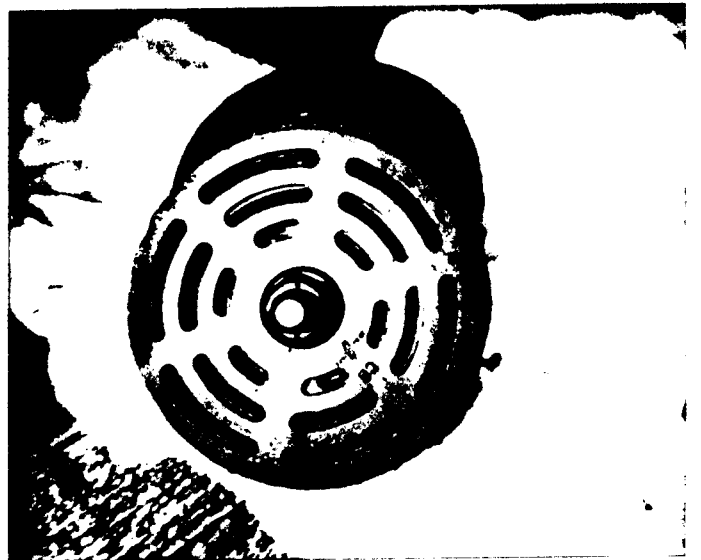


FIG 4

HP COOLER HOT SIDE

1

HP CYLINDER HEAD



HP DELIVERY VALVE

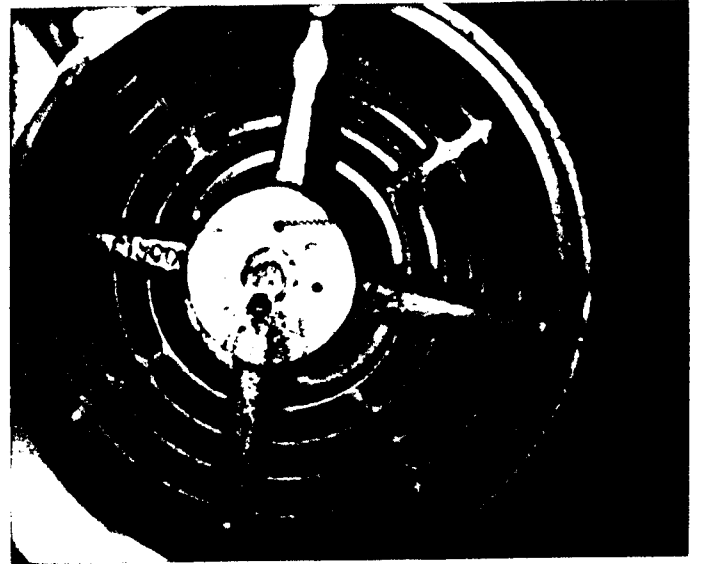
HP DELIVERY VALVE

— SCHUMANN 68 — $\Phi 8$

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LP DELIVERY VALVE



LP DELIVERY VALVE

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