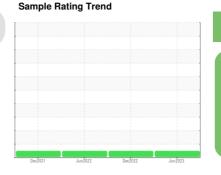


OIL ANALYSIS REPORT





NORMAL



Wear

Machine Id FRICK COMPRESSOR S-2 (S/N 0503) Refrigeration Compressor

FRICK COMPRESSOR OIL #3 (25 GAL)

DIAGNOSIS SAMPLE INFORMATION method USP240864 USP240857 USP230296 Sample Number **Client Info** Recommendation Resample at the next service interval to monitor. Sample Date Client Info 15 Jun 2023 15 Dec 2022 17 Jun 2022 Client Info Machine Age 13640 13638 13636 All component wear rates are normal. Oil Age Client Info 0 0 0 Oil Changed Client Info Not Changd Not Changd Not Changd Contamination Sample Status NORMAL NORMAL NORMAL There is no indication of any contamination in the oil. The amount and size of particulates present in WEAR METALS the system are acceptable. 4 4 Iron ppm ASTM D5185m >8 <1 Fluid Condition Chromium ASTM D5185m >2 0 0 0 ppm The AN level is acceptable for this fluid. The condition of the oil is suitable for further service. Nickel ppm ASTM D5185m 0 0 0 Titanium ASTM D5185m 0 0 0 ppm 0 Silver ppm ASTM D5185m >2 0 0 Aluminum ASTM D5185m >3 0 0 ppm <1 Lead ASTM D5185m >2 0 0 0 ppm ASTM D5185m 0 0 >8 0 Copper ppm Tin ppm ASTM D5185m >4 0 0 0 Antimony ASTM D5185m ppm ---Vanadium ppm ASTM D5185m 0 0 0 Cadmium ASTM D5185m 0 0 0 ppm Boron ppm ASTM D5185m 0 0 <1 3 0 Barium ASTM D5185m 1 ppm Molvbdenum ppm ASTM D5185m 0 0 <1 0 0 0 Manganese ASTM D5185m ppm 0 0 0 Magnesium ASTM D5185m ppm 0 0 Calcium ppm ASTM D5185m 0 Phosphorus ASTM D5185m <1 0 0 ppm 5 5 Zinc ASTM D5185m 0 ppm Sulfur ASTM D5185m 2247 2139 1931 ppm Silicon ASTM D5185m >15 0 0 <1 ppm Sodium ASTM D5185m ppm <1 1 <1 >20 0 0 0 Potassium ppm ASTM D5185m % >0.01 0.001 0.004 0.004 Water ASTM D6304 ppm Water ppm ASTM D6304 >100 6.8 49.1 40.4 FLUID CLEANLINESS >20000 2323 2455 816 Particles >4µm ASTM D7647 Particles >6µm ASTM D7647 >2500 431 544 152 Particles >14µm ASTM D7647 >320 15 16 12 Particles >21µm ASTM D7647 >80 4 2 4 >20 0 0 0 Particles >38µm ASTM D7647 0 0 Particles >71um ASTM D7647 >4 0 **Oil Cleanliness** ISO 4406 (c) >21/18/15 18/16/11 18/16/11 17/14/11 FLUID DEGRADATION Acid Number (AN) 0.012

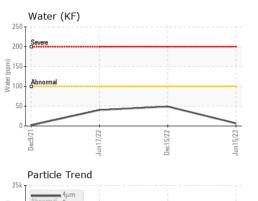
Report Id: LINPORSAN [WUSCAR] 05878887 (Generated: 05/23/2024 16:58:06) Rev: 1

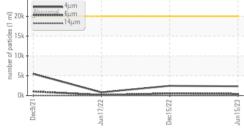
mg KOH/g ASTM D974

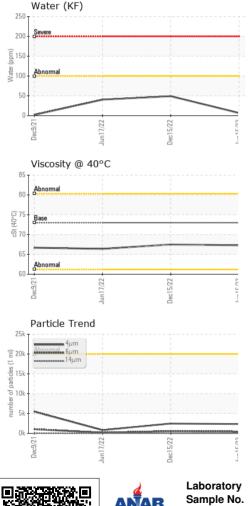
0.015 0.015 Contact/Location: DANIEL VALDIVIA MENDOZA - LINPORSAN



OIL ANALYSIS REPORT

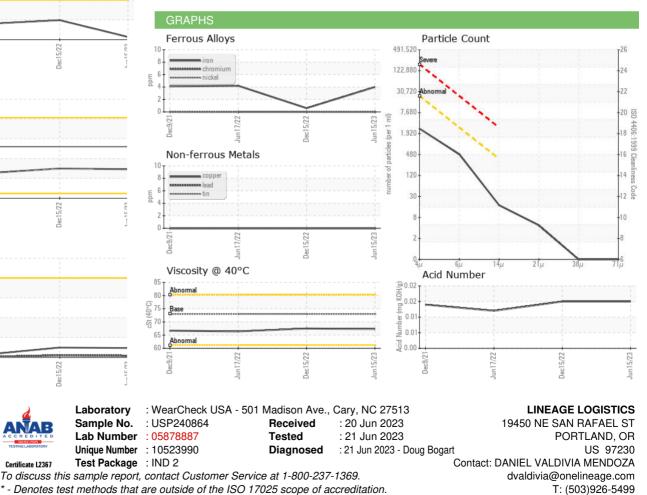






| VISUAL | | method | limit/base | current | history1 | history2 |
|------------------|--------|-----------|------------|---------|----------|----------|
| White Metal | scalar | *Visual | NONE | NONE | NONE | VLITE |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | NONE |
| Precipitate | scalar | *Visual | NONE | NONE | NONE | NONE |
| Silt | scalar | *Visual | NONE | NONE | NONE | NONE |
| Debris | scalar | *Visual | NONE | NONE | NONE | NONE |
| Sand/Dirt | scalar | *Visual | NONE | NONE | NONE | NONE |
| Appearance | scalar | *Visual | NORML | NORML | NORML | NORML |
| Odor | scalar | *Visual | NORML | NORML | NORML | NORML |
| Emulsified Water | scalar | *Visual | >0.01 | NEG | NEG | NEG |
| Free Water | scalar | *Visual | | NEG | NEG | NEG |
| FLUID PROPERTIES | | method | limit/base | current | history1 | history2 |
| Visc @ 40°C | cSt | ASTM D445 | 73 | 67.3 | 67.5 | 66.4 |
| SAMPLE IMAGES | | method | limit/base | current | history1 | history2 |
| Color | | | | | | |
| Bottom | | | | 12 | | |

Bottom



Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Certificate 12367

Contact/Location: DANIEL VALDIVIA MENDOZA - LINPORSAN

Page 2 of 2

F: