

Machine Id NESTLE WATERS CHILLER 2 (S/N 10241E65075475)

Refrigeration Compressor

FRICK COMPRESSOR OIL #11 (150 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

- WW	

All component wear rates are normal.

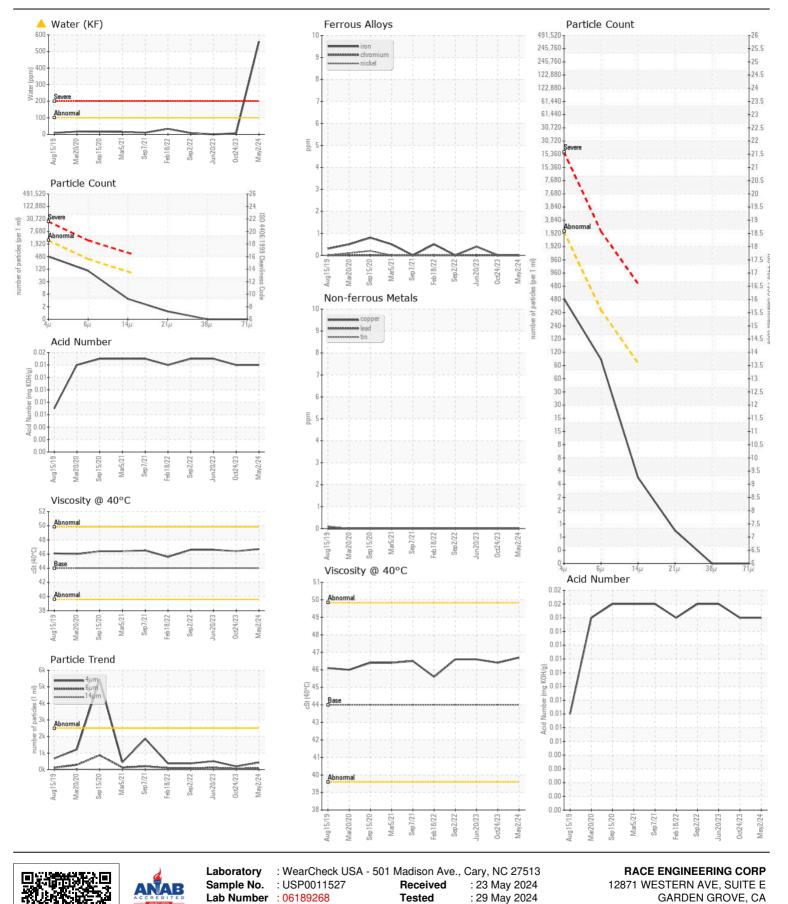
CONTAMINATION

There is a trace of moisture present in the oil(confirmed). The amount and size of particulates present in the system are acceptable.

FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

TestUOMMethodLimit/AbnCurrentHistory1Sample NumberClient InfoUSP0011527USP2083Sample DateClient Info02 May 202424 Oct 200Machine AgehrsClient Info02 May 202424 Oct 200Machine AgehrsClient Info00Oil AgehrsClient Info00Filter AgehrsClient Info0406Oil ChangedClient InfoN/ANot ChangedFilter ChangedClient InfoN/ANot ChangedIronppmASTM D5185m >800	23 20 Jun 2023 0 0 0 gd N/A gd N/A
Sample DateClient Info02 May 202424 Oct 200Machine AgehrsClient Info3455634011Oil AgehrsClient Info00Filter AgehrsClient Info0406Oil ChangedClient InfoN/ANot ChangedFilter ChangedClient InfoN/ANot ChangedSample StatusMARGINALNORMA	23 20 Jun 2023 0 0 0 gd N/A L NORMAL <1 0
Machine AgehrsClient Info3455634011Oil AgehrsClient Info00Filter AgehrsClient Info0406Oil ChangedClient InfoN/ANot ChangedFilter ChangedClient InfoN/ANot ChangedSample StatusMARGINALNORMA	0 0 0 gd N/A gd N/A L NORMAL <1 0
Oil Age hrs Client Info 0 0 Filter Age hrs Client Info 0 406 Oil Changed Client Info N/A Not Changed Filter Changed Client Info N/A Not Changed Sample Status MARGINAL NORMA	0 0 gd N/A L NORMAL <1 0
Filter Age hrs Client Info 0 406 Oil Changed Client Info N/A Not Changed Filter Changed Client Info N/A Not Changed Sample Status MARGINAL NORMA	0 gd N/A gd N/A L NORMAL <1 0
Oil Changed Client Info N/A Not Changed Filter Changed Client Info N/A Not Changed Sample Status MARGINAL NORMA	gd N/A gd N/A L NORMAL <1 0
Filter Changed Client Info N/A Not Changed Sample Status MARGINAL NORMA	gd N/A L NORMAL <1 0
Filter Changed Client Info N/A Not Changed Sample Status MARGINAL NORMA	gd N/A L NORMAL <1 0
Sample Status MARGINAL NORMA	<1 0
Iron ppm ASTM D5185m >8 0 0	0
Iron ppm ASTM D5185m >8 0 0	0
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Chromium ppm ASTM D5185m >2 0 0	<1
Nickel ppm ASTM D5185m 0 0	
Titanium ppm ASTM D5185m 0 <1	0
Silver ppm ASTM D5185m >2 <1 0	0
Aluminum ppm ASTM D5185m >3 0 1	0
Lead ppm ASTM D5185m >2 0 0	0
Copper ppm ASTM D5185m >8 0 0	0
Tin ppm ASTM D5185m >4 0 0	0
Vanadium ppm ASTM D5185m 0 0	0
White Metal scalar *Visual NONE NONE NONE	E NONE
Yellow Metal scalar *Visual NONE NONE NONE	E NONE
Silicon ppm ASTM D5185m >15 <1 0	<1
Potassium ppm ASTM D5185m >20 0 1	0
Water % ASTM D6304 >0.01 0.055 0.001	0.00
ppm Water ppm ASTM D6304 >100 🔺 559 7	0.00
Particles >4μm ASTM D7647 >2500 431 196	507
Particles >6μm ASTM D7647 >320 88 60	120
Particles >14μm ASTM D7647 >80 4 10	12
Particles >21μm ASTM D7647 >20 1 4	5
Particles >38μm ASTM D7647 >4 0 0	1
Particles >71μm ASTM D7647 >3 0 0	0
Oil Cleanliness ISO 4406 (c) >18/15/13 16/14/9 15/13/	10 16/14/11
Silt scalar *Visual NONE NONE NONE	E NONE
Debris scalar *Visual NONE NONE NONE	E NONE
Sand/Dirt scalar *Visual NONE NONE NONE	E NONE
Appearance scalar *Visual NORML NORML NORM	IL NORML
Odor scalar *Visual NORML NORML NORM	IL NORML
Emulsified Water scalar *Visual >0.01 NEG NEG	NEG
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Sodium ppm ASTM D5185m <1 0	0
Boron ppm ASTM D5185m 0 0	0
Barium ppm ASTM D5185m 0 0	2
Molybdenum ppm ASTM D5185m 0 0	0
Manganese ppm ASTM D5185m 0 0	0
Magnesium ppm ASTM D5185m 0 0	0
Calcium ppm ASTM D5185m 0 0	0
Phosphorus ppm ASTM D5185m 2 0	<1
Zinc ppm ASTM D5185m 0 0	0
Sulfur ppm ASTM D5185m 0 0	0
Acid Number (AN) mg KOH/g ASTM D974 0.014 0.014	0.015
Visc @ 40°C cSt ASTM D445 44.0 46.7 46.4	46.6





To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

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

Certificate L2367

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US 92841

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