

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

BC3 (S/N 19703-OS-C15)

Component ***** Refrigeration Compressor

USPI ALT-68 SC (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

Fluid Condition

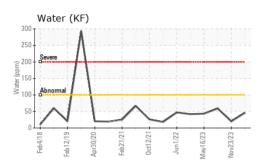
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

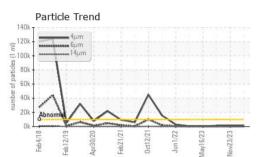
Sample Number Client Info USP0013420 USP0003757 USP0003759 Sample Date Client Info 11 Jun 2024 23 Nov 2023 16 Aug 2023 Machine Age hrs Client Info 0 0 0 Oil Ghanged Client Info NA NA NA NA Sample Status Client Info NCRMAL NORMAL NORMAL NORMAL WEAR METALS method Imit/Ses Current htto:///////////////////////////////////	SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
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Lead ppm ASTM D5185m >2 0 0 0 Copper ppm ASTM D5185m >8 0 <1 <1 Tin ppm ASTM D5185m >4 0 0 0 Vanadium ppm ASTM D5185m <1 0 <1 Cadmium ppm ASTM D5185m 0 <1 0 <1 ASTM D5185m 0 <1 0 <1 0 <1 Boron ppm ASTM D5185m 0 0 0 0 0 Manganese ppm ASTM D5185m 0 <1 0 0 <1 Magnesium ppm ASTM D5185m 0 <1 0 0 <1 0 Phosphorus ppm ASTM D5185m 0 0 0 0 <1 1 <1 1 <1 1 <1 1 <1 1 1 <1 1 1	Silver	ppm	ASTM D5185m	>2	0	0	0
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Copper ppm ASTM D5185m >8 0 <1	Lead		ASTM D5185m	>2	0	0	0
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Barium ppm ASTM D5185m 0 <1	ADDITIVES		method	limit/base	current	history1	history2
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Magnesium ppm ASTW D5185m 0 0 0 Calcium ppm ASTW D5185m 0 <1 0 Phosphorus ppm ASTM D5185m 0 0 1 Zinc ppm ASTM D5185m 0 0 0 0 Sulfur ppm ASTM D5185m 50 0 0 4 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >15 <1 1 <1 Sodium ppm ASTM D5185m >20 <1 <1 1 Vater % ASTM D6304 >0.01 0.004 0.002 0.005 pm ASTM D6304 >100 46 20 59.2 FLUID CLEANLINES method limit/base current history1 history2 Particles >4µm ASTM D7647 >10000 1633 864 1191 Particles >51µm <th>Molybdenum</th> <th>ppm</th> <th>ASTM D5185m</th> <th></th> <th>0</th> <th><1</th> <th>0</th>	Molybdenum	ppm	ASTM D5185m		0	<1	0
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Oil Cleanliness ISO 4406 (c) >20/18/15 18/15/10 17/14/11 17/15/12 FLUID DEGRADATION method limit/base current history1 history2							
FLUID DEGRADATION method limit/base current history1 history2							
	Oil Cleanliness		ISO 4406 (c)	>20/18/15	18/15/10	17/14/11	17/15/12
Acid Number (AN) mg KOH/g ASTM D974 0.005 0.014 0.013 0.013	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D974	0.005	0.014	0.013	0.013

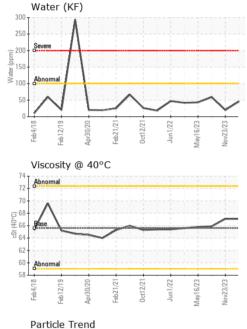
Contact/Location: SCOTT CASTILLO - CAGLOU Page 1 of 2

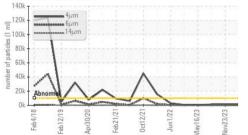


OIL ANALYSIS REPORT



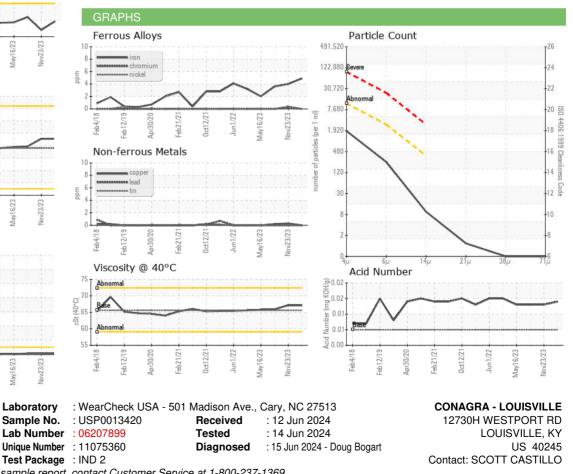








Bottom



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)

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