

OIL ANALYSIS REPORT

Area LOW SIDE FRICK BOOSTER 8 (S/N S0107NFMTHCA3)

Refrigeration Compressor

CAMCO 717 HT (--- GAL)

DIAGNOSIS

A Recommendation

We recommend an early resample to monitor this condition.

📥 Wear

The iron level is abnormal.

Contamination

There is a high amount of silt (particulates < 14 microns in size) present in the oil.

Fluid Condition

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

		p2011 Nov20	13 Feb2015 Aug2016	Feb2018 May2013 Aug2020 Oct2022		
SAMPLE INFORMA		method	limit/base	current	history1	history2
Sample Number		Client Info		USP0011372	USP243993	USP249766
Sample Date		Client Info		12 May 2024	12 Jul 2023	12 Apr 2023
Machine Age	nrs	Client Info		0	0	36347
Oil Age	nrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				ABNORMAL	ABNORMAL	ATTENTION
WEAR METALS		method	limit/base	current	history1	history2
lron p	opm	ASTM D5185m	>8	6 55	3	0
Chromium p	opm	ASTM D5185m	>2	<1	0	0
	opm	ASTM D5185m		0	0	0
	opm	ASTM D5185m		<1	<1	0
	opm	ASTM D5185m	>2	0	0	0
1	opm	ASTM D5185m		1	<1	<1
	opm	ASTM D5185m	>2	<1	0	0
	opm	ASTM D5185m		2	0	0
	opm	ASTM D5185m		= <1	0	0
	opm	ASTM D5185m		<1	<1	0
	opm	ASTM D5185m		<1	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron g	opm	ASTM D5185m		0	0	0
	opm	ASTM D5185m		1	0	0
	opm	ASTM D5185m		<1	0	0
	opm	ASTM D5185m		<1	0	<1
	opm	ASTM D5185m		<1	1	<1
	opm	ASTM D5185m		0	0	0
1	opm	ASTM D5185m		0	<1	0
	opm	ASTM D5185m		3	<1	0
-	opm	ASTM D5185m		0	0	0
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon p	opm	ASTM D5185m	>15	3	1	2
	opm	ASTM D5185m		0	<1	0
Potassium p	opm	ASTM D5185m	>20	2	3	0
	%	ASTM D6304	>0.01	0.003	0.002	0.001
ppm Water p	opm	ASTM D6304	>100	32	22.5	14.1
FLUID CLEANLINE	SS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		31585	57868	12087
Particles >6µm		ASTM D7647	>2500	<u> </u>	1 4645	3422
Particles >14µm		ASTM D7647	>320	127	5 17	188
Particles >21µm		ASTM D7647	>80	12	A 85	21
Particles >38µm		ASTM D7647	>20	0	1	0
Particles >71µm		ASTM D7647	>4	0	0	0
Oil Cleanliness		ISO 4406 (c)	>-/18/15	A 22/20/14	▲ 23/21/16	21/19/15
FLUID DEGRADAT	ION	method	limit/base	current	history1	history2
Acid Number (AN)	ng KOH/g	ASTM D974	0.007	0.04	0.014	0.013

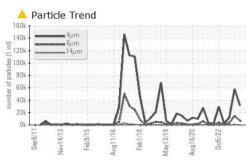
Report Id: JRSGRA [WUSCAR] 06177254 (Generated: 05/15/2024 13:44:59) Rev: 1

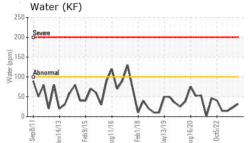
Contact/Location: GREG HUDERLE - JRSGRA Page 1 of 2

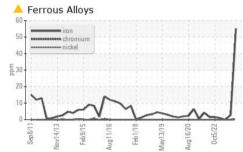
Sample Rating Trend WEAR

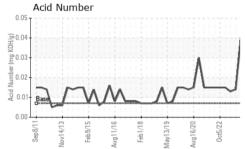


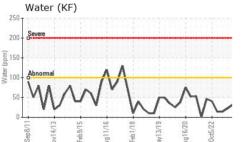
OIL ANALYSIS REPORT





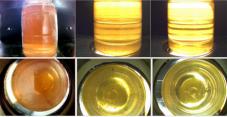




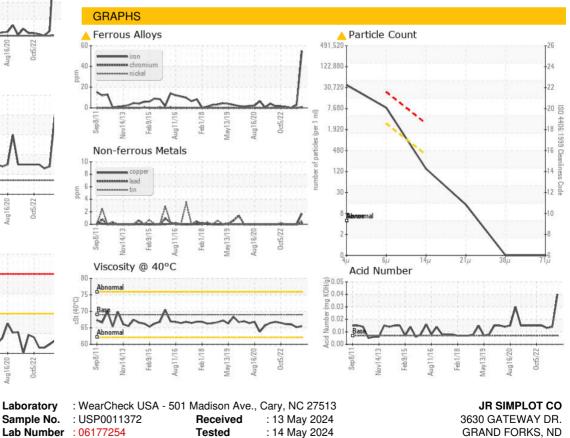


VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	LIGHT	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	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 PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	69	65.5	65.2	66.0
SAMPLE IMAGES	S	method	limit/base	current	history1	history2
Color						

Color



Bottom



: 15 May 2024 - Doug Bogart



JR SIMPLOT CO 3630 GATEWAY DR. GRAND FORKS, ND US 58201 Contact: GREG HUDERLE greg.huderle@simplot.com T: 012) F: (701)780-7880

* - 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)

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

Diagnosed

Unique Number : 11023307

Test Package : IND 2

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Certificate 12367

Contact/Location: GREG HUDERLE - JRSGRA