

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

NOT GIVEN USP249771 (S/N NO INFO ON BOTTLE)

Refrigeration Compressor

REFRIG COMP OIL ISO 68 (--- GAL)

Recommendation

Resample at the next service interval to monitor.

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.

CAMPLE INFORM	AATIONI	and a the seal	12 21 /1		le to be more	la la tarre O
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		USP249771		
Sample Date		Client Info		12 May 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>8	0		
Chromium	ppm	ASTM D5185m	>2	<1		
Nickel	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>3	0		
Lead	ppm	ASTM D5185m	>2	<1		
Copper	ppm	ASTM D5185m	>8	<1		
Tin	ppm	ASTM D5185m	>4	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	5	0		
Barium	ppm	ASTM D5185m	5	0		
Molybdenum	ppm	ASTM D5185m	5	<1		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m	5	0		
Calcium	ppm	ASTM D5185m	12	0		
Phosphorus	ppm	ASTM D5185m	12	0		
Zinc	ppm	ASTM D5185m	12	2		
Sulfur	ppm	ASTM D5185m	1000	0		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	2		
Sodium	ppm	ASTM D5185m	7.0	0		
Potassium	ppm	ASTM D5185m	>20	2		
Water	%	ASTM D6304	>0.01	0.001		
ppm Water	ppm	ASTM D6304	>100	9		
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		2850		
Particles >6µm		ASTM D7647	>2500	593		
Particles >14µm		ASTM D7647	>320	26		
Particles >21µm		ASTM D7647	>80	7		
Particles >38µm		ASTM D7647	>20	1		
Particles >71μm		ASTM D7647	>4	0		
Oil Cleanliness		ISO 4406 (c)	>/18/15	19/16/12		
FLUID DEGRADA	TION _	method	limit/base	current	history1	history2

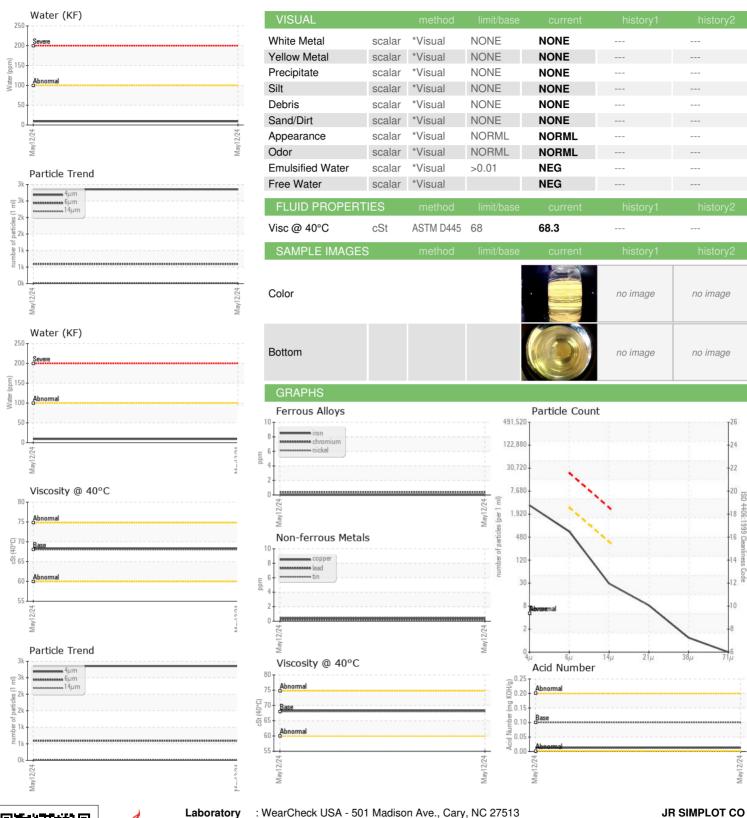
Acid Number (AN)

0.013

mg KOH/g ASTM D974 0.10



OIL ANALYSIS REPORT





Certificate 12367

Laboratory Sample No. Lab Number : 06177271 Unique Number : 11023324

: USP249771 Test Package : IND 2

Received : 13 May 2024 **Tested** : 14 May 2024 Diagnosed

: 15 May 2024 - Doug Bogart

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)

GRAND FORKS, ND US 58201 Contact: GREG HUDERLE greg.huderle@simplot.com

3630 GATEWAY DR.

T: F: (701)780-7880