

OIL ANALYSIS REPORT

Area COMP RM 1 FRICK C-5 (S/N D2009VFMTHAA03)

Component Refrigeration Compressor

STELLAR 717 HT (--- GAL)

DIAGNOSIS

A Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

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.

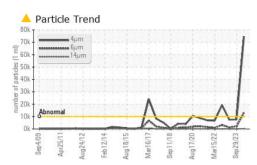
Sample Number Client Info USP0008132 USP0001671 USP2033 Sample Date in Client Info 28 Mar 2024 29 Sep 2023 16 Mar 202 Machine Age hrs Client Info 0 0 124379 Oil Age hrs Client Info 0 0 0 0 Oil Changed Client Info N/A N/A N/A N/A N/A Sample Status Imethod Imit/base current history1 history1 Iron ppm ASTM D5185m >2 0 0 0 Nickel ppm ASTM D5185m >2 0 0 0 Aluminum ppm ASTM D5185m >2 0 0 0 Aduminum ppm ASTM D5185m >2 0 0 0 Aduminum ppm ASTM D5185m >4 0 0 0 Aduminum ppm ASTM D5185m 0 0 0 0							
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Particles >71μm ASTM D7647 >4 0 0 0 Oil Cleanliness ISO 4406 (c) >20/18/15 ▲ 23/21/15 20/18/12 20/17/12 FLUID DEGRADATION method limit/base current history1 history1	Particles >21µm		ASTM D7647	>80	33	5	5
Dil Cleanliness ISO 4406 (c) >20/18/15 ▲ 23/21/15 20/18/12 20/17/12 FLUID DEGRADATION method limit/base current history1 history1	Particles >38µm		ASTM D7647	>20	1	0	0
Dil CleanlinessISO 4406 (c)>20/18/1523/21/1520/18/1220/17/12FLUID DEGRADATIONmethodlimit/basecurrenthistory1history1			ASTM D7647	>4	0	0	0
						20/18/12	20/17/12
	FLUID DEGRADA		method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D974		0.028	0.013	0.014

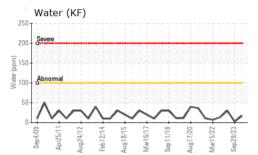
Sample Rating Trend

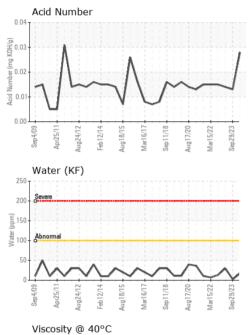


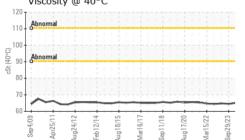


OIL ANALYSIS REPORT







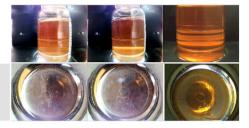


Sj

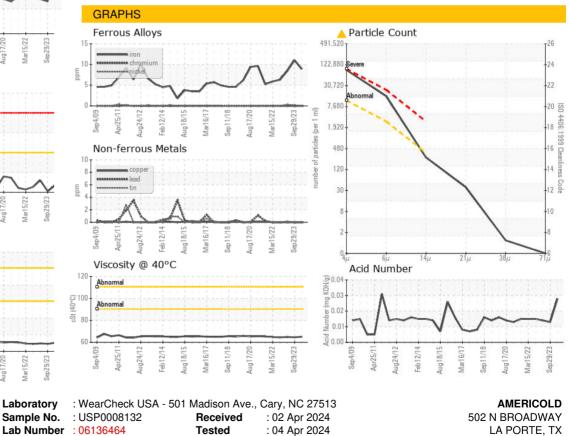
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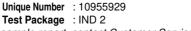
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	LIGHT	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	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 PROPERT	IES	method	limit/base	current	history1	history2
I LOID I HOI LITI		method	IIIIII/base	Current	mistory	Thistoryz
Visc @ 40°C	cSt	ASTM D445		65.1	64.5	64.8
SAMPLE IMAGES		method	limit/base	current	history1	history2

Color



Bottom





Tested : 04 Apr 2024 Diagnosed : 04 Apr 2024 - Doug Bogart

LA PORTE, TX US 77571 Contact: TIM OROS tim.oros@americold.com T: (281)924-5367 F: (281)471-7980

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)

Report Id: VERLAP [WUSCAR] 06136464 (Generated: 04/05/2024 20:49:05) Rev: 1

Certificate 12367

Contact/Location: TIM OROS - VERLAP

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