

# **OIL ANALYSIS REPORT**

#### Sample Rating Trend



# Machine Id MS-4 (S/N 09302-004-1-01-06) Component

Refrigeration Compressor Fluid USPI ALT-68 SC (--- GAL)

03FT ALT-00 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.

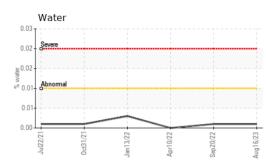
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ppm				0	0
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ppm	ASTM D5185m		0	0	0
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;	method	limit/base	current	history1	history2
ppm	ASTM D5185m	>15	2	1	<1
ppm	ASTM D5185m		1	<1	<1
ppm	ASTM D5185m	>20	0	0	0
%	ASTM D6304	>0.01	0.001	0.001	0.00
ppm	ASTM D6304	>100	13.9	6.1	0.00
IESS	method	limit/base	current	history1	history2
	ASTM D7647	>10000	452	3668	2361
	ASTM D7647	>2500	126	848	542
	ASTM D7647	>320	13	21	26
			3	2	4
	ASTM D7647	>20	0	0	0
				0	0
	ISO 4406 (c)	>20/18/15	16/14/11	19/17/12	18/16/12
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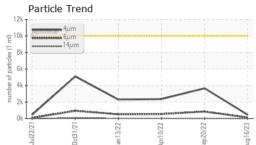
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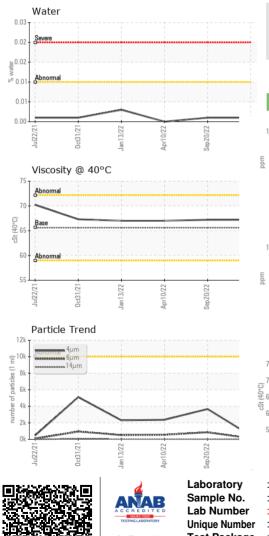
Contact/Location: Service Manager - TYSHUM



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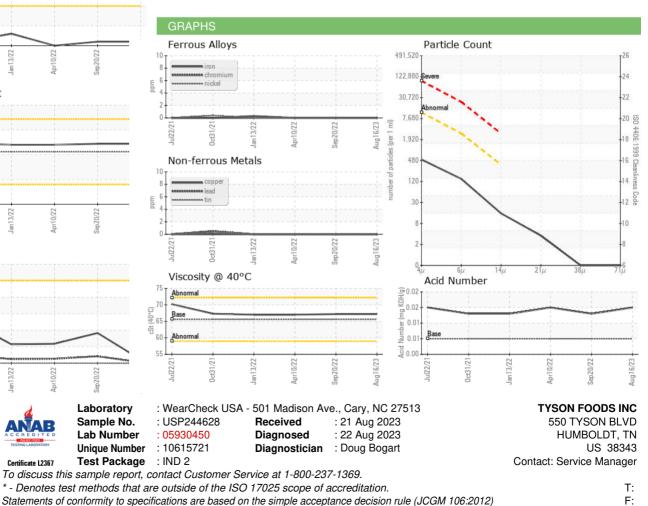






NONE NONE White Metal \*Visual NONE NONE scalar Yellow Metal NONE NONE NONE NONE scalar \*Visual Precipitate scalar \*Visua NONE NONE NONE NONE Silt scalar \*Visual NONE NONE NONE NONE NONE Debris \*Visual NONE NONE NONE scalar NONE Sand/Dirt scalar \*Visual NONE NONE NONE NORML Appearance \*Visual NORML NORML NORML scalar Odor \*Visual NORML NORML NORML NORML scalar **Emulsified Water** scalar \*Visual >0.01 NEG NEG NEG Free Water scalar \*Visual NEG NEG NEG FLUID PROPERTIES 67.2 Visc @ 40°C cSt ASTM D445 65.6 67.2 67.0 SAMPLE IMAGES Color

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Contact/Location: Service Manager - TYSHUM