

OIL ANALYSIS REPORT

Sample Rating Trend

DEGRADATION

Machine Id

2 AIR COMPRESSOR

Component Air Compressor Fluid USPI 1009-68 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

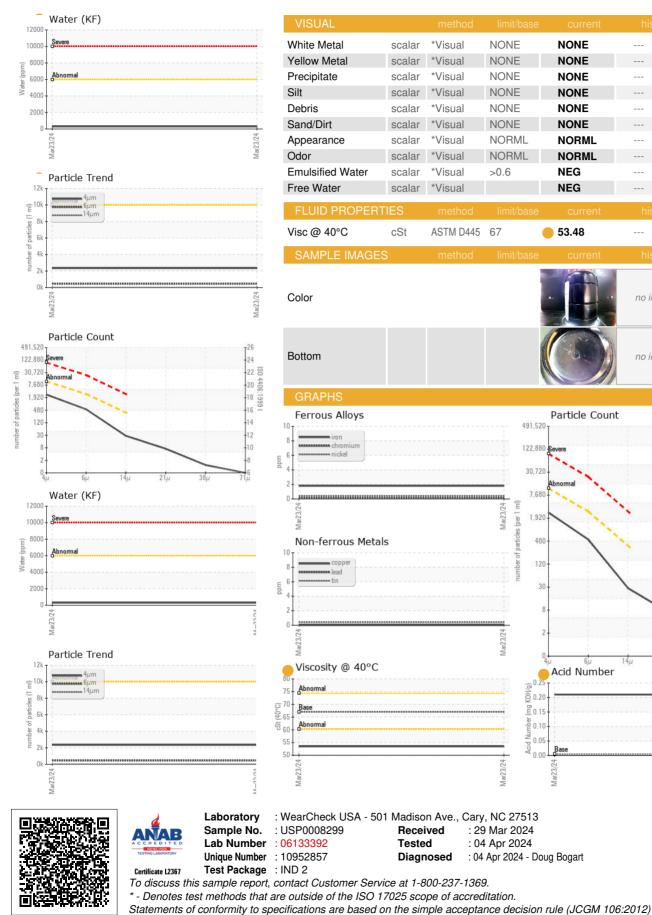
The oil viscosity is lower than normal. The AN level is at the top-end of the recommended limit. Confirmed. Confirm oil type.

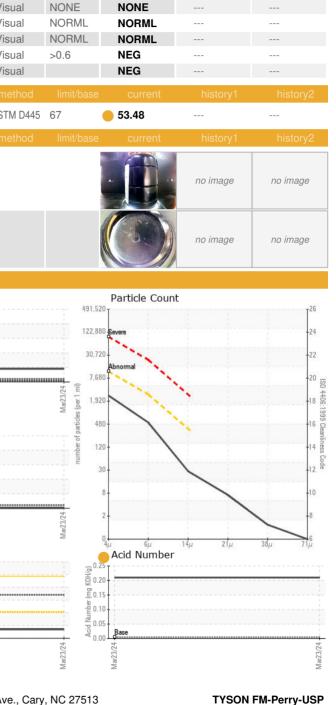
SAMPLE INFO	RMATION	method	limit/base	current	history1	history2
Sample Number		Client Info		USP0008299		
Sample Date		Client Info		23 Mar 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ATTENTION		
WEAR METALS	3	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	2		
Chromium	ppm	ASTM D5185m	>4	<1		
Nickel	ppm	ASTM D5185m	>4	<1		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>10	<1		
Lead	ppm	ASTM D5185m	>20	0		
Copper	ppm	ASTM D5185m		0		
Tin	ppm	ASTM D5185m	>5	<1		
Vanadium	ppm	ASTM D5185m	-	0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		0		
Calcium	ppm	ASTM D5185m		0		
Phosphorus	ppm	ASTM D5185m		0		
Zinc	ppm	ASTM D5185m		0		
Sulfur	ppm	ASTM D5185m	50	0		
CONTAMINAN		method	limit/base	current	history1	history2
Silicon		ASTM D5185m	>25	0		
Sodium	ppm	ASTM D5185m	>20	0		
Potassium	ppm	ASTM D5185m	>20	-		
Water	ppm %			<1		
ppm Water		ASTM D6304 ASTM D6304	>0.6 >6000	0.029 298		
FLUID CLEANL						
		method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	2352		
Particles >6µm		ASTM D7647		465		
Particles >14µm		ASTM D7647	>320	25		
Particles >21µm		ASTM D7647		6		
Particles >38µm		ASTM D7647	>20	1		
Particles >71µm		ASTM D7647		0		
Oil Cleanliness		ISO 4406 (c)	>20/18/15	18/16/12		
FLUID DEGRAI	DATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.005	0.21		
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Contact/Location: SCOTT UHL - IBPPER01 Page 1 of 2



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NONE

NONE

NONE

NONE

NONE

Contact/Location: SCOTT UHL - IBPPER01

Perry, IA

T:

F:

US 50220

Contact: SCOTT UHL

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