

OIL ANALYSIS REPORT

Sample Rating Trend

ISO

Machine Id

AF COMP Component Air Compressor Fluid

{not provided} (--- GAL)

DIAGNOSIS

A Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

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

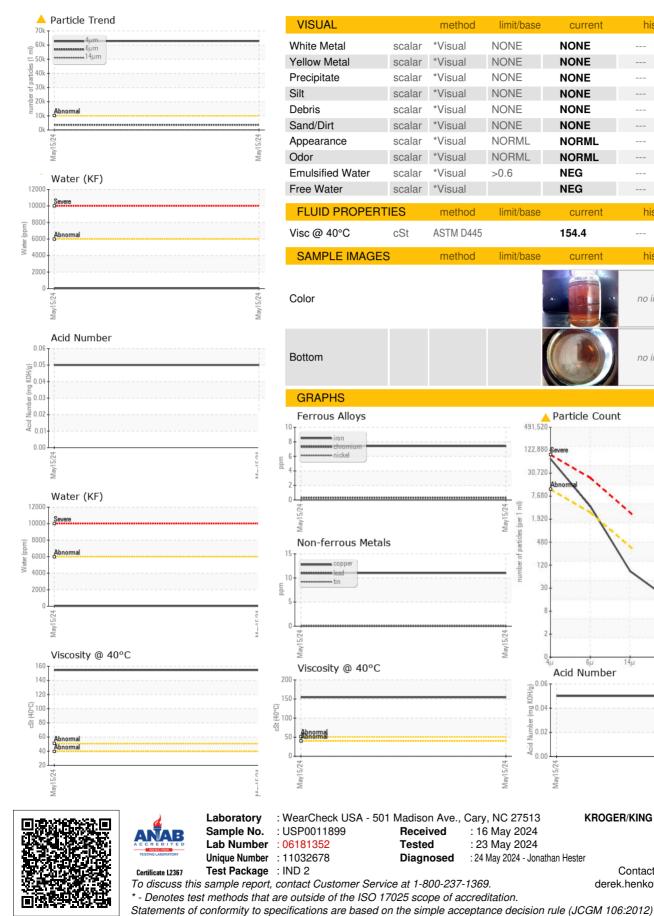
The AN level is acceptable for this fluid.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		USP0011899		
Sample Date		Client Info		15 May 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				ABNORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	7		
Chromium	ppm	ASTM D5185m	>4	<1		
Nickel	ppm	ASTM D5185m	>4	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		<1		
Aluminum	ppm	ASTM D5185m	>10	0		
Lead	ppm	ASTM D5185m	>20	0		
Copper	ppm	ASTM D5185m	>40	11		
Tin	ppm	ASTM D5185m	>5	0		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		<1		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		<1		
Calcium	ppm	ASTM D5185m		8		
Phosphorus	ppm	ASTM D5185m		35		
Zinc	ppm	ASTM D5185m		37		
Sulfur	ppm	ASTM D5185m		1672		
CONTAMINANTS	6	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	<1		
Water	%	ASTM D6304	>0.6	0.002		
ppm Water	ppm	ASTM D6304	>6000	24		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	62737		
Particles >6µm		ASTM D7647	>2500	e 3640		
Particles >14µm		ASTM D7647	>320	74		
Particles >21µm		ASTM D7647	>80	13		
Particles >38µm		ASTM D7647	>20	1		
Particles >71µm		ASTM D7647	>4	0		
Oil Cleanliness		ISO 4406 (c)	>20/18/15	A 23/19/13		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.05		

Contact/Location: DEREK HENKOWSKI - KRODEN Page 1 of 2



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KROGER/KING SOOPERS MEAT PLANT

21µ

38

history1

history

history1

no image

no image

current

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NORML

current

current

Particle Count

Acid Number

7 68

1,920

480

120

31

na l Ē 0.02

0.00

5/74

Mav1

NEG

NEG

154.4

history2

history

history2

no image

no image

4406

:1999 Cle

14

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