

OIL ANALYSIS REPORT

Sample Rating Trend **NORMAL**

$^{\text{Machine Id}}_{8396970}$ (S/N 1135)

Component

Compressor Fluid

KAESER SIGMA (OEM) S-460 (--- GAL)

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORMATION method limit/base current history1 history2							
Sample Number Client Info 22 Feb 2024					Feb 2024		
Sample Date Client Info 3900	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Machine Age hrs Client Info 3900 Oil Changed Client Info 0 Sample Status NORMAL WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >50 0 Nickel ppm ASTM D5185m >3 0 Nickel ppm ASTM D5185m >3 0 Sliver ppm ASTM D5185m >3 0 Jaininum ppm ASTM D5185m >2 0 Sliver ppm ASTM D5185m >10 0 Lead ppm ASTM D5185m >50 6 Copper ppm ASTM D5185m >50 6 Tin ppm	Sample Number		Client Info		KC122561		
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 >50 0 Chromium ppm ASTM D5185m >10 <1 Nickel ppm ASTM D5185m >3 0 Silver ppm ASTM D5185m >2 0 Aluminum ppm ASTM D5185m >10 0 Lead ppm ASTM D5185m >10 0 Lead ppm ASTM D5185m >10 0 Copper ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185	Sample Date		Client Info		22 Feb 2024		
Oil Changed Sample Status	Machine Age	hrs	Client Info		3900		
Sample Status method limit/base current history1 history2 Iron ppm ASTM D5185m >50 0 Nickel ppm ASTM D5185m >3 0 Titanium ppm ASTM D5185m >3 0 Sliver ppm ASTM D5185m >3 0 Aluminum ppm ASTM D5185m >10 0 Aluminum ppm ASTM D5185m >10 0 Lead ppm ASTM D5185m >10 0 Tin ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0	Oil Age	hrs	Client Info		0		
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Barium ppm ASTM D5185m 90 <1				limit/base		history1	history2
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Sodium ppm ASTM D5185m 11 Potassium ppm ASTM D5185m >20 0 Water % ASTM D6304 >0.05 0.007 ppm Water ppm ASTM D6304 >500 77 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4μm ASTM D7647 2790 Particles >6μm ASTM D7647 >1300 678 Particles >14μm ASTM D7647 >80 67 Particles >21μm ASTM D7647 >20 17 Particles >38μm ASTM D7647 >4 0 Particles >71μm ASTM D7647 >3 0 Oil Cleanliness ISO 4406 (c) >/17/13 19/17/13	CONTAMINANTS	;	method	limit/base	current	history1	history2
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$\begin{array}{cccccccccccccccccccccccccccccccccccc$			ASTM D7647	>1300	678		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Particles >14µm		ASTM D7647	>80			
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Oil Cleanliness ISO 4406 (c) >/17/13 19/17/13				>3			
FLUID DEGRADATION method limit/base current history1 history2	·						
	FLUID DEGRADA	TION	method	limit/base	current	history1	history2

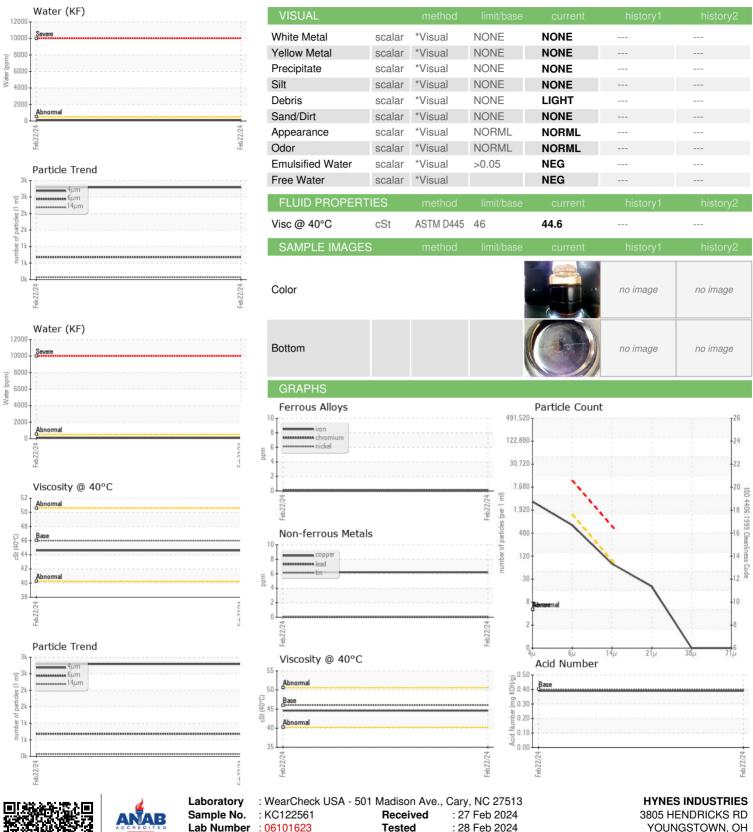
Acid Number (AN)

mg KOH/g ASTM D8045 0.4

0.39



OIL ANALYSIS REPORT





Certificate L2367

Lab Number

: 06101623

Unique Number : 10899853 Test Package : IND 2

Tested

Diagnosed

: 29 Feb 2024 - Don Baldridge

YOUNGSTOWN, OH

US 44515

Contact: Service Manager

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)

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F: