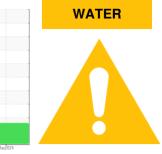


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

5915429 (S/N 3596) Compressor

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

DIAGNOSIS

Recommendation

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is a light concentration of water present in the oil.

Fluid Condition

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

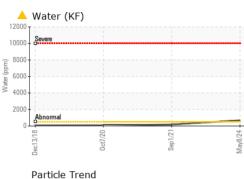
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KCPA016772	KCP37658	KCP30495
Sample Date		Client Info		08 May 2024	01 Sep 2021	07 Oct 2020
Machine Age	hrs	Client Info		31720	19847	13061
Oil Age	hrs	Client Info		0	6780	0
Oil Changed		Client Info		Changed	Changed	Changed
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	1	8	1
Chromium	ppm	ASTM D5185m	>10	<1	0	0
Nickel	ppm	ASTM D5185m	>3	<1	2	0
Titanium	ppm	ASTM D5185m	>3	<1	0	0
Silver	ppm	ASTM D5185m	>2	<1	0	<1
Aluminum	ppm	ASTM D5185m	>10	2	1	0
Lead	ppm	ASTM D5185m	>10	<1	<1	0
Copper	ppm	ASTM D5185m	>50	11	12	20
Tin	ppm	ASTM D5185m	>10	<1	0	<1
Antimony	ppm	ASTM D5185m			0	<1
Vanadium	ppm	ASTM D5185m		<1	<1	0
Cadmium	ppm	ASTM D5185m		<1	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	18	<1
Barium	ppm	ASTM D5185m	90	0	0	0
Molybdenum	ppm	ASTM D5185m		<1	1	0
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m	90	3	5	<1
Calcium	ppm	ASTM D5185m	2	4	<1	0
Phosphorus	ppm	ASTM D5185m		29	<1	2
Zinc	ppm	ASTM D5185m		28	78	0
Sulfur	ppm	ASTM D5185m		19975	20404	15144
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	1	<1	<1
Sodium	ppm	ASTM D5185m		0	3	0
Potassium	ppm	ASTM D5185m	>20	2	8	1
Water	%	ASTM D6304	>0.05	A 0.068	0.017	0.008
ppm Water	ppm	ASTM D6304	>500	<u> </u>	172.7	81.1
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Partialaa Mum		ASTM D7647		2502		
Particles >4µm		ASTM D7647	>1300	527		
Particles >6µm		ASTIVI D7047	21000	521		
		ASTM D7647 ASTM D7647	>80	73		
Particles >6µm			>80			
Particles >6µm Particles >14µm		ASTM D7647	>80	73		
Particles >6μm Particles >14μm Particles >21μm		ASTM D7647 ASTM D7647	>80 >20 >4	73 33		
Particles >6μm Particles >14μm Particles >21μm Particles >38μm		ASTM D7647 ASTM D7647 ASTM D7647	>80 >20 >4	73 33 4		
Particles >6μm Particles >14μm Particles >21μm Particles >38μm Particles >71μm	TION	ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647	>80 >20 >4 >3	73 33 4 1		

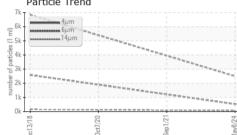
Report Id: OPEPEN [WUSCAR] 06183348 (Generated: 05/21/2024 21:20:07) Rev: 1

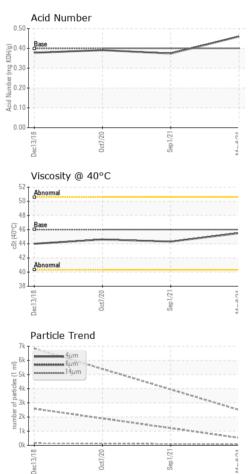
Contact/Location: Service Manager - OPEPEN



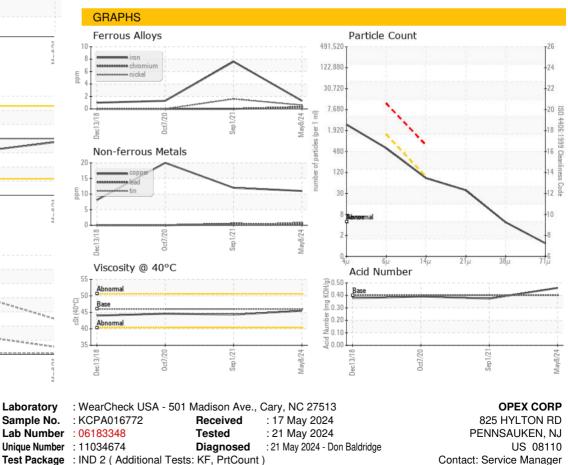
OIL ANALYSIS REPORT











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: OPEPEN [WUSCAR] 06183348 (Generated: 05/21/2024 21:20:07) Rev: 1

Certificate 12367

Contact/Location: Service Manager - OPEPEN

T:

F: