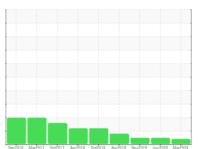


OIL ANALYSIS REPORT

Sample Rating Trend



VISCOSITY

Machine Id

KAESER BSD 50 5372072 (S/N 1403)

Compressor

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

Recommendation

Oil and filter change at the time of sampling has been noted. 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 oil viscosity is higher than normal. The AN level is acceptable for this fluid.

Sep2016 Med2017 Oxd2017 Apr2018 Oxd2018 Apr2013 Nexd2013 Juni2020 Med2024						
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KCPA016917	KCP24619	KCP21663
Sample Date		Client Info		21 Mar 2024	26 Jun 2020	01 Nov 2019
Machine Age	hrs	Client Info		40756	14722	12826
Oil Age	hrs	Client Info		26034	2000	4000
Oil Changed		Client Info		Changed	Not Changd	Changed
Sample Status				ATTENTION	NORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0	<1	<1
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m	>3	0	0	0
Titanium	ppm	ASTM D5185m	>3	0	0	0
Silver	ppm	ASTM D5185m	>2	0	<1	<1
Aluminum	ppm	ASTM D5185m	>10	0	0	1
Lead	ppm	ASTM D5185m	>10	0	<1	0
Copper	ppm	ASTM D5185m	>50	3	2	8
Tin	ppm	ASTM D5185m	>10	0	<1	<1
Antimony	ppm	ASTM D5185m			0	0
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	0	0	0
Barium	ppm	ASTM D5185m	90	<1	21	0
Molybdenum	ppm	ASTM D5185m	0	0	<1	0
Manganese	ppm	ASTM D5185m		0	0	<1
Magnesium	ppm	ASTM D5185m	100	<1	57	25
Calcium	ppm	ASTM D5185m	0	0	8	0
Phosphorus	ppm	ASTM D5185m	0	0	14	3
Zinc	ppm	ASTM D5185m	0	0	8	57
Sulfur	ppm	ASTM D5185m	23500	15053	18641	18615
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	0	2	<1
Sodium	ppm	ASTM D5185m		0	11	10
Potassium	ppm	ASTM D5185m	>20	0	3	2
Water	%	ASTM D6304	>0.05	0.005	0.028	0.011
ppm Water	ppm	ASTM D6304	>500	56	287.0	117.8
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		1667	1222	581
Particles >6µm		ASTM D7647	>1300	486	372	83
Particles >14μm		ASTM D7647	>80	46	37	16
Particles >21µm		ASTM D7647	>20	18	12	13
Particles >38μm		ASTM D7647	>4	2	0	0
Particles >71μm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>/17/13	18/16/13	16/12	14/11
FLUID DEGRADA	NOITA	method	limit/base	current	history1	history2



OIL ANALYSIS REPORT







Certificate 12367

Laboratory

Sample No. Lab Number

: KCPA016917 : 06145892 Unique Number : 10975970

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received **Tested** Diagnosed

Test Package : IND 2 (Additional Tests: KF, PrtCount)

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.

: 15 Apr 2024 - Don Baldridge

: 11 Apr 2024

: 12 Apr 2024

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

SHERWIN WILLIAMS

4730 NEW MIDDLE RD JEFFERSONVILLE, IN US 47130

Contact: TOM KOSIEK tom.h.kosiek@sherwin.com

> T: F:

Contact/Location: TOM KOSIEK - SHEJEF