

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

KAESER 1071 - PAYCORE

Component Compressor Fluid

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

Fluid Condition

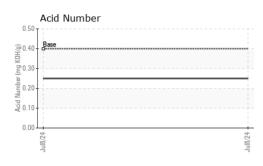
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

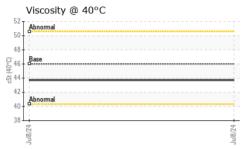
SAMPLE INFORM	NATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0947684		
Sample Date		Client Info		08 Jul 2024		
Machine Age	hrs	Client Info		14945		
Oil Age	hrs	Client Info		1426		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.05	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0		
Chromium	ppm	ASTM D5185m	>10	0		
Nickel	ppm	ASTM D5185m	>3	0		
Titanium	ppm	ASTM D5185m	>3	0		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>10	0		
Lead	ppm	ASTM D5185m	>10	0		
Copper	ppm	ASTM D5185m	>50	1		
Tin	ppm	ASTM D5185m	>10	0		
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	90	4		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m	90	38		
Calcium	ppm	ASTM D5185m	2	1		
Phosphorus	ppm	ASTM D5185m		1		
Zinc	ppm	ASTM D5185m		0		
Sulfur	ppm	ASTM D5185m		18476		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	2		
Sodium	ppm	ASTM D5185m		13		
Potassium	ppm	ASTM D5185m	>20	0		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.4	0.25		



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VISUAL





White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.05	NEG		
Free Water	scalar	*Visual	20.00	NEG		
				NEG		
FLUID PROPERT	ES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	46	43.7		
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image
GRAPHS Ferrous Alloys			h18/24			
Non-ferrous Metals						
8 copper lead 4 2 0 for the second se			Jul8/24			
Viscosity @ 40°C				Acid Number		
Abnormal Abnormal Abnormal			(0,151 0,110,120 0,21 0,110,120 0,1100000000	Base		Jul8/24
WearCheck USA - 501 WC0947684 06240455 11129289 IND 2	Madiso Recei Teste Diagn	ved : 18 d : 19	, NC 27513 3 Jul 2024 9 Jul 2024 Jul 2024 Jul 2024 - Don			2 HUGHES ST NTAIN INN, SC US 29644

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.

F: (864)862-7653

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

Report Id: PALFOU [WUSCAR] 06240455 (Generated: 07/21/2024 10:46:54) Rev: 1

Certificate L2367

Laboratory Sample No. Lab Number **Unique Number** Test Package

Contact/Location: DARRIN WARD - PALFOU

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