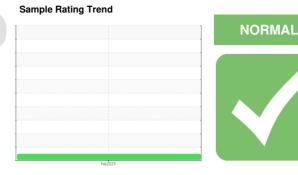


OIL ANALYSIS REPORT

SMART OIL 6000 HERTZ VD0187553 - KOCH AND CO

Component Compressor



Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

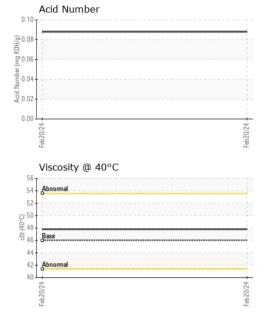
Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UHK06148831		
Sample Date		Client Info		20 Feb 2024		
Machine Age	hrs	Client Info		2385		
Oil Age	hrs	Client Info		2387		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATION	V	method	limit/base	current	history1	history2
Water		WC Method	>0.1	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	710	2		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	0		
Lead	ppm	ASTM D5185m	>25	0		
Copper	ppm	ASTM D5185m	>50	<1		
Tin	ppm	ASTM D5185m	>15	0		
Vanadium	ppm	ASTM D5185m	>10	0		
Cadmium	ppm	ASTM D5185m		0		
	РРП		11		la la la consul	h'ata 0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		0		
Calcium	ppm	ASTM D5185m	20	0		
Phosphorus	ppm	ASTM D5185m		69		
Zinc	ppm	ASTM D5185m		15		
Sulfur	ppm	ASTM D5185m		320		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	11		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	0		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.088		



OIL ANALYSIS REPORT

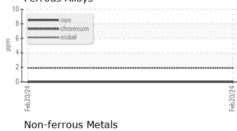


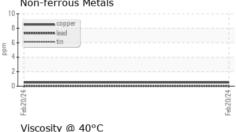
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	LIGHT		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.1	NEG		
Free Water	scalar	*Visual		NEG		
FLUID PROPERT	TES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	46	47.8		

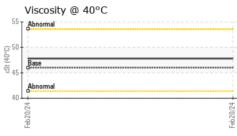
Color	no image	no image
Bottom	no image	no image
GRAPHS		

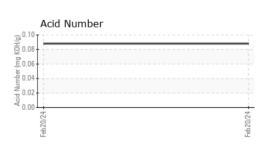
Ferrous Alloys

SAMPLE IMAGES













Certificate 12367

Laboratory

Test Package : IND 2

Sample No. : UHK06148831 Lab Number : 06148831 Unique Number : 10978909

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

Received : 15 Apr 2024 **Tested**

: 16 Apr 2024

Diagnosed : 17 Apr 2024 - Sean Felton To discuss this sample report, contact Customer Service at 1-800-237-1369.

US 29486 Contact: AARON LEE alee@bacsinc.com T: (843)821-3487 F: (843)821-3392

SUMMERVILLE, SC

* - 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) **BACS INC**