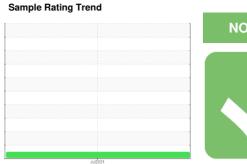


OIL ANALYSIS REPORT

Area **S-460** [10574] **KAESER 1713 - BILL JACOBS VOLKSWAGEN**

Component Compressor





DIAGNOSIS

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

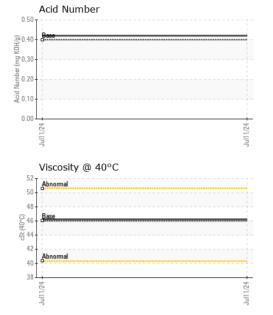
Fluid Condition

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

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UDI0000454		
Sample Date		Client Info		11 Jul 2024		
Machine Age	hrs	Client Info		50337		
Oil Age	hrs	Client Info		2070		
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	<1		
Nickel	ppm	ASTM D5185m	>3	1		
Titanium	ppm	ASTM D5185m	>3	<1		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>10	3		
Lead	ppm	ASTM D5185m	>10	<1		
Copper	ppm	ASTM D5185m	>50	16		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m	90	<1		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m	90	<1		
Calcium	ppm	ASTM D5185m	2	0		
Phosphorus	ppm	ASTM D5185m		12		
Zinc	ppm	ASTM D5185m		4		
Sulfur	ppm	ASTM D5185m		16259		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	<1		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.4	0.42		

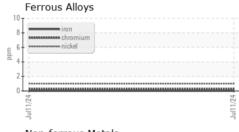


OIL ANALYSIS REPORT

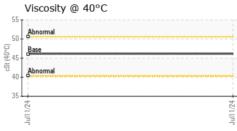


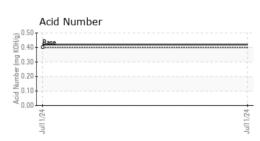
VISUAL		method				history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.05	NEG		
Free Water	scalar	*Visual		NEG		
FLUID PROPERT	IFS	method	limit/base	current	history1	history2
T LOID I HOI LITT	ILO	method	IIIIII/Dase	Current	Thistory	HISTOLYZ
Visc @ 40°C	cSt	ASTM D445	46	46.2		
SAMPLE IMAGES	;	method	limit/base	current	history1	history2

			•
Color	no ir	mage	no image
Bottom	no ir	mage	no image
GRAPHS			



Non-ferrous Metals	
20 T	
copper	1
15 - ***********************************	-
tin	
10+	
5+	
0	-
1/24	Jul11/24
1/2/	≡
7	\neg









Certificate 12367

Laboratory Sample No.

Test Package : IND 2

: UDI0000454 Lab Number : 06239239 Unique Number : 11128073

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 17 Jul 2024 Tested Diagnosed

: 18 Jul 2024 : 18 Jul 2024 - Wes Davis

DELTA INDUSTRIES - DOWNERS GROVE

2201 CURTISS STREET DOWNERS GROVE, IL US 60515

Contact: MICHAEL FERRIS

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)

F: (630)960-3931

Report Id: UCDELDOW [WUSCAR] 06239239 (Generated: 07/18/2024 14:47:37) Rev: 1

Contact/Location: MICHAEL FERRIS - UCDELDOW