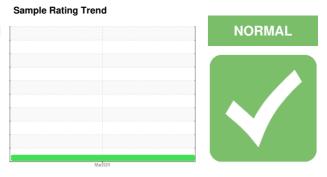


OIL ANALYSIS REPORT

Area **S-460** [9176] **KAESER 1280 - BERGEN INTL**

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 oil.

Fluid Condition

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

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UDI06147454		
Sample Date		Client Info		26 Mar 2024		
Machine Age	hrs	Client Info		20059		
Oil Age	hrs	Client Info		1575		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATION	V	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	0		
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	0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m	90	64		
Calcium	ppm	ASTM D5185m	2	0		
Phosphorus	ppm	ASTM D5185m		0		
Zinc	ppm	ASTM D5185m		4		
Sulfur	ppm	ASTM D5185m		21357		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	0		
Sodium	ppm	ASTM D5185m		17		
Potassium	ppm	ASTM D5185m	>20	2		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2

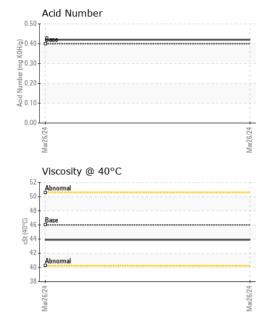
Acid Number (AN)

mg KOH/g ASTM D8045 0.4

0.42



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	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	TES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	46	43.9		
SAMPLE IMAGES	S	method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image
GRAPHS						
Ferrous Alloys						
8 iron nickel			1			
Mar26/24			Mar26/24			
Non-ferrous Metal	S					
copper lead						





Certificate 12367

Lab Number : 06147454

Sample No. : UDI06147454

Unique Number : 10977532 Test Package : IND 2

Viscosity @ 40°C

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 12 Apr 2024

Tested : 15 Apr 2024 Diagnosed

: 16 Apr 2024 - Sean Felton

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)

Acid Number

0.50 W 0.40 _ E 0.30 를 0.20 Acid Num

F: (630)960-3931