

## **OIL ANALYSIS REPORT**

Sample Rating Trend

NORMAL

### Area S-460 [9158] Machine Id KAESER 1036 - CFI TIRE

Component Compressor

#### 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

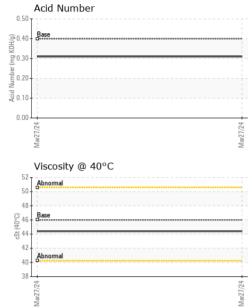
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORM	ΛΑΤΙΟΝ	method	limit/base	current	history1	history2
Sample Number		Client Info		UDI06136502		
Sample Date		Client Info		27 Mar 2024		
Machine Age	hrs	Client Info		7997		
Oil Age	hrs	Client Info		2759		
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	9		
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		<1		
Magnesium	ppm	ASTM D5185m	90	6		
Calcium	ppm	ASTM D5185m	2	0		
Phosphorus	ppm	ASTM D5185m		0		
Zinc	ppm	ASTM D5185m		7		
Sulfur	ppm	ASTM D5185m		20625		
CONTAMINANTS	3	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	0		
Sodium	ppm	ASTM D5185m		6		
Potassium	ppm	ASTM D5185m	>20	0		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.4	0.31		



# **OIL ANALYSIS REPORT**

VISUAL



	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			
1	Debris	scalar	*Visual	NONE	NONE			
	Sand/Dirt	scalar	*Visual	NONE	NONE			
7/24 -	Appearance	scalar	*Visual	NORML	NORML			
Mar27/24	Odor	scalar	*Visual	NORML	NORML			
	Emulsified Water	scalar	*Visual	>0.05	NEG			
	Free Water	scalar	*Visual		NEG			
				Provide Review		In the tax work	la la tana 0	
	FLUID PROPERT		method	limit/base	current	history1	history2	
	Visc @ 40°C	cSt	ASTM D445	46	44.4			
	SAMPLE IMAGES	5	method	limit/base	current	history1	history2	
Mai27/24	Color					no image	no image	
	Bottom					no image	no image	
	Non-ferrous Metal	5		Mar27/24				
	Viscosity @ 40°C Viscosity @ 40°C banomal ban			0.0 400 Mar27/24	Acid Number			
Laboratory Sample No.	: WearCheck USA - 50 : UDI06136502 : 06136502	1 Madisor Recei Teste	eived : 02 Apr 2024			INDUSTRIES - CEDAR RAPID 6540 4TH ST SW UNIT / CEDAR RAPIDS, I/ US 5240 Contact: MICHAEL FERRIS		

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

Report Id: UCDELCED [WUSCAR] 06136502 (Generated: 04/04/2024 20:46:12) Rev: 1

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