

# **OIL ANALYSIS REPORT**

## FG-460 [9064] **KAESER 1053 - TAYLOR PREPARED FOODS** Component

Compressor

#### 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.



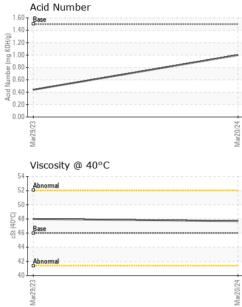
Sample Rating Trend



SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UDI06132152	UCH05811659	
Sample Date		Client Info		20 Mar 2024	29 Mar 2023	
Machine Age	hrs	Client Info		33165	25923	
Oil Age	hrs	Client Info		7000	2269	
Oil Changed		Client Info		N/A	Changed	
Sample Status				NORMAL	NORMAL	
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.05	NEG	NEG	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0	5	
Chromium	ppm	ASTM D5185m	>10	0	0	
Nickel	ppm	ASTM D5185m	>3	0	0	
Titanium	ppm	ASTM D5185m	>3	0	0	
Silver	ppm	ASTM D5185m	>2	0	0	
Aluminum	ppm	ASTM D5185m	>10	0	<1	
Lead	ppm	ASTM D5185m	>10	0	0	
Copper	ppm	ASTM D5185m	>50	7	10	
Tin	ppm	ASTM D5185m	>10	0	<1	
Vanadium	ppm	ASTM D5185m		0	0	
Cadmium	ppm	ASTM D5185m		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	
Barium	ppm	ASTM D5185m		0	<1	
Molybdenum	ppm	ASTM D5185m		0	0	
Manganese	ppm	ASTM D5185m		0	0	
Magnesium	ppm	ASTM D5185m		0	0	
Calcium	ppm	ASTM D5185m		0	0	
Phosphorus	ppm	ASTM D5185m	500	286	194	
Zinc	ppm	ASTM D5185m		200	233	
Sulfur	ppm	ASTM D5185m		1137	1482	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	0	<1	
Sodium	ppm	ASTM D5185m		2	0	
Potassium	ppm	ASTM D5185m	>20	0	1	
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	1.5	1.00	0.44	



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	V	/ISUAL		method			history1	history2
	Wh	nite Metal	scalar	*Visual	NONE	NONE	NONE	
		llow Metal	scalar	*Visual	NONE	NONE	NONE	
-		ecipitate	scalar	*Visual	NONE	NONE	NONE	
	Silt		scalar	*Visual	NONE	NONE	NONE	
		bris	scalar	*Visual	NONE	NONE	NONE	
		nd/Dirt	scalar	*Visual	NONE	NONE	NONE	
/24		pearance	scalar	*Visual	NORML	NORML	NORML	
Mar20/24	Od		scalar	*Visual	NORML	NORML	NORML	
		ulsified Water	scalar	*Visual	>0.05	NEG	NEG	
		e Water	scalar	*Visual	20.00	NEG	NEG	
	_	LUID PROPERT		method	limit/base	current	history1	history2
_		c @ 40°C	cSt	ASTM D44		47.7	48.0	
		SAMPLE IMAGES		method	limit/base	current	history1	history2
	0		>	method	iiiiii/base	current	TIISTOLA	Thistory2
Mar20/24 -	Co	lor						no image
Mar2							1	
	_							
	Bo	ttom					(29)	no image
	G	RAPHS						
	10 8 - 10	errous Alloys						
		iron chromium nickel			Ma20.24			
	10 8 6 4 2 0 5 2 6 5 2 6 5 2 6 5 2 6 5 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	iron chromium nickel	5		Mar20/24			
	10 8 6 4 2 0 6 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	iron chromium nickel	5		Mar20/24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			
		iron chromium nickel	5		Mai20/24			
	10 8 6 4 2 0 6 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	iron chromium nickel	5		Mar20/24			
		iron chromium nickel	5		Mar2024			
	10 8 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	iron chromium nickel	5					
	10 8 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	iron chromium nickel	5					
		ion chomium nicke	5		Mar20/24 Mar20/24			
		iron chromium nickel	5		Mar20/24	Acid Number		
	U U U U U U U U U U U U U U	ion chomium nicke	5		Mar20/24			
	U U U U U U U U U U U U U U	iron chromium nickel	5		Mar20/24			
	N udd 4 2 0 C2062EW N 4 4 2 0 C2062EW V 5 5 5 5 5 5 5 5 5 5 5 5 5	iron chromium nickel	5		Mar20/24			
	N udd 4 2 0 C2062EW N 4 4 2 0 C2062EW V 5 5 5 5 5 5 5 5 5 5 5 5 5	iron chromium nickel	5		0.0 20 Mar 20024 10.1 (0.14) 10.1 (0.14)	0 - Base 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -		
	10 8 6 6 6 10 10 10 10 10 10 10 10 10 10	iron chromium nickel lon-ferrous Metal lon-ferrous Metal lead 'iscosity @ 40°C Abnormal	5		450024 War20024 War20024 0.0	0 - Base 		
	10 8 6 6 6 6 6 6 6 6 6 6 6 6 6	iron chromium nickel lon-ferrous Metal lon-ferrous Metal lead 'iscosity @ 40°C Abnormal	5		0.0 20 Mar 20024 10.1 (0.14) 10.1 (0.14)	0 - Base 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -		
ory	10 8 9 9 9 10 10 10 10 10 10 10 10 10 10	iron chromium nickel lon-ferrous Metal lead /iscosity @ 40°C Abnormal aase abnormal	1 Madiso		(0)H03 Bul) aquing population +2/002zeW (0)H03 Bul) aquing population +2/002zeW +2/002zeW ry, NC 27513	0 - Base 0 - C2762 0 - C27	INDUSTRIES - DO	WNERS GROV
No.	10 8 9 9 9 10 10 10 10 10 10 10 10 10 10	iron chromium nickel lon-ferrous Metal lead /iscosity @ 40°C Abnormal aae Abnormal		ived : 2	Mar20/24 4 0.0 Add Number (mg K0H(d) 0.0 0 0 0 0 0	0 - Base 0 - C2762 0 - C27	INDUSTRIES - DO 2201 CUF	WNERS GROV
No. nber	10 8 9 9 9 10 10 10 10 10 10 10 10 10 10	iron iron	1 Madiso Recei	ived : 2 d : 2	1.5 +2002zeW (0)H03 eug Januar +2002zeW +2002zeW ry, NC 27513 28 Mar 2024	DELTA	INDUSTRIES - DO 2201 CUF	WNERS GROV
No. nber mber kage	10 10 10 10 10 10 10 10 10 10	iron iron	1 Madiso Recei Teste Diagr	ived : 2 d : 2 nosed : 0	+2002лем +2002	DELTA	INDUSTRIES - DO 2201 CUF DOWNE	WNERS GROV TISS STREE RS GROVE, I

Certificate L2367

To discuss this sample

Contact/Location: MICHAEL FERRIS - UCDELDOW