

OIL ANALYSIS REPORT

Area **OMNILUBE 32/46** ATLAS COPCO ATLAS COPCO GA22 - SMITH FOODS (S/N NOT GIVEN) Component Compressor

Recommendation

Resample at the next service interval to monitor.

Wear

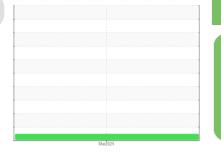
All component wear rates are normal.

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



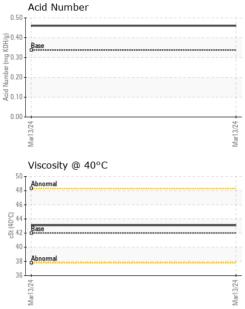
NORMAL

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06137537		
Sample Date		Client Info		13 Mar 2024		
Machine Age	hrs	Client Info		73611		
Oil Age	hrs	Client Info		1470		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATIO	N	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	>5	0		
Nickel	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>15	0		
Lead	ppm	ASTM D5185m	>65	0		
Copper	ppm	ASTM D5185m	>65	<1		
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	1	0		
Barium	ppm	ASTM D5185m	0.3	0		
Molybdenum	ppm	ASTM D5185m	0	0		
Manganese	ppm	ASTM D5185m	0	0		
Magnesium	ppm	ASTM D5185m	0	0		
Calcium	ppm	ASTM D5185m	0.5	0		
Phosphorus	ppm	ASTM D5185m	536	298		
Zinc	ppm	ASTM D5185m	0.2	31		
Sulfur	ppm	ASTM D5185m	649	891		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>35	4		
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	0.337	0.46		



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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		
	Debris	scalar	*Visual	NONE	NONE		
	Sand/Dirt	scalar	*Visual	NONE	NONE		
Mar13/24	Appearance	scalar	*Visual	NORML	NORML		
Mari	Odor	scalar	*Visual	NORML	NORML		
	Emulsified Water	scalar	*Visual	>0.1	NEG		
	Free Water	scalar	*Visual		NEG		
	FLUID PROPERT	IES	method	limit/base	current	history1	history2
						Thistory	Thistory 2
	Visc @ 40°C	cSt	ASTM D445	42.0	43.1		
	SAMPLE IMAGES	S	method	limit/base	current	history1	history2
Mar13/24	Color					no image	no image
	Bottom					no image	no image
	GRAPHS Ferrous Alloys	s		Mar13/24			
	Viscosity @ 40°C			Mar13/24	Acid Number		
	(2-0-6-) 123 35 40 40 40 40 40 40 40 40 40 40			Mar13/24 Acid Number (mg KOH(g) .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	Base 00 10 10 10 10 10 10 10 10 10		- POCE Face
Laboratory Sample No. Lab Number Unique Number Test Package discuss this sample report, Denotes test methods that	: 10957002 : IND 2 contact Customer Serve	Rece Teste Diagi ice at 1-8 7025 sco	ived : 03 ed : 04 nosed : 05 800-237-1369 ope of accred	8 Apr 2024 Apr 2024 Apr 2024 - S 9. 9. Iitation.	6500 DA ean Felton reec	Contact: F I.luecke@airco T:	IAL PARKWAY EVELAND, OH US 44139 REED LUECKE

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Contact/Location: REED LUECKE - UCAIRCLE