

OIL ANALYSIS REPORT

Area CS-46 [O-SP3370659] KAESER N2-002AC - TEHNCHAPI CEMENT (S/N 1048)

Component Compressor

DIAGNOOIO

Recommendation

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

Wear

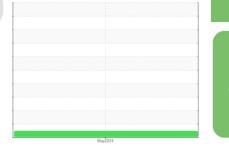
All component wear rates are normal.

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 acceptable for the time in service.



Sample Rating Trend



NORMAL

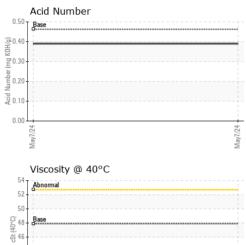
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06206684		
Sample Date		Client Info		07 May 2024		
Machine Age	hrs	Client Info		4908		
Oil Age	hrs	Client Info		4908		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATION	N	method	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	0		
Titanium	ppm	ASTM D5185m	>3	<1		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>10	2		
Lead	ppm	ASTM D5185m	>10	0		
Copper	ppm	ASTM D5185m	>50	6		
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	1.5	0		
Barium	ppm	ASTM D5185m	0	0		
Molybdenum	ppm	ASTM D5185m	0	0		
Manganese	ppm	ASTM D5185m	0.3	0		
Magnesium	ppm	ASTM D5185m	0	<1		
Calcium	ppm	ASTM D5185m	0	0		
Phosphorus	ppm	ASTM D5185m	406	9		
Zinc	ppm	ASTM D5185m	0	0		
Sulfur	ppm	ASTM D5185m	1283	9860		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	0		
Sodium	ppm	ASTM D5185m		0		
Potassium	ppm	ASTM D5185m	>20	<1		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.463	0.39		



44

Abnormal 42 40. May7/24

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		
May7/24	Appearance	scalar	*Visual	NORML	NORML		
Ma	Odor	scalar	*Visual	NORML	NORML		
	Emulsified Water	scalar	*Visual	>0.05	NEG		
· · · · · · · · · · · · · · · · · · ·	Free Water	scalar	*Visual		NEG		
	FLUID PROPER	TIES	method	limit/base	current	history1	history2
	Visc @ 40°C	cSt	ASTM D445	47.9	44.5		
	SAMPLE IMAGE	S	method	limit/base	current	history1	history2
- + + + + + + + + + + + +	Color				a.	no image	no image
	Bottom					no image	no image
	Non-ferrous Meta	ls		May7/24			
	mqq 0 12/17/16 M			May7/24			
	Viscosity @ 40°C				Acid Number		
	Abnormal Base 45 + 45 + 40 +			0.5 (0)H00 4 Variation (0,H00 k (0,H00	0		
Laboratory Sample No. Lab Number Unique Number Test Package	: 11074145	Recei Teste	ived : 11 ed : 13	r, NC 27513 Jun 2024 Jun 2024 Jun 2024 - Ang	H7/1/keW	CISCO AIR SYSTEM 214 27TH S SACRAMENTO, C US 9581 Contact: BARRY FRKOVIC barryfrkovich@ciscoair.co T: (916)444-252 26:2012) F:	

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