

## **OIL ANALYSIS REPORT**

## **FG SYNTHETIC FULID 46 KAESER 1014 - NITROGEN COMPRESSOR SOUTH - ADM**

Compressor

Recommendation

All component wear rates are normal.

The AN level is above the recommended limit.

to monitor.

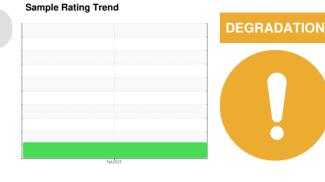
Contamination

Fluid Condition

the sample.

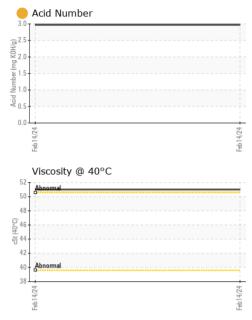
Wear

## SAMPLE INFORMATION method UCH06196786 Sample Number **Client Info** Oil and filter change at the time of sampling has Client Info 14 Feb 2024 Sample Date been noted. Resample at the next service interval 165982 Machine Age hrs **Client Info** Oil Age hrs Client Info 4 Oil Changed **Client Info** Changed ATTENTION Sample Status There is a moderate amount of visible silt present in Water >0.05 WC Method NEG Iron ppm ASTM D5185m >50 0 Chromium ASTM D5185m >10 ppm <1 Nickel 0 ppm ASTM D5185m >3 Titanium ASTM D5185m >3 <1 ppm 0 Silver ASTM D5185m >2 ppm Aluminum ppm ASTM D5185m >10 2 Lead ASTM D5185m >10 <1 ppm Copper ASTM D5185m >50 2 ppm Tin ASTM D5185m >10 <1 ppm Vanadium 0 ppm ASTM D5185m Cadmium ppm ASTM D5185m 0 0 Boron ASTM D5185m ppm Barium ppm ASTM D5185m <1 Molvbdenum ppm ASTM D5185m <1 Manganese ASTM D5185m 0 ppm Magnesium ASTM D5185m <1 ppm Calcium ASTM D5185m 0 ppm Phosphorus ASTM D5185m 513 ppm Zinc ppm ASTM D5185m 0 Sulfur ASTM D5185m 1158 ppm 2 Silicon ppm ASTM D5185m >25 Sodium ASTM D5185m 0 ppm Potassium ASTM D5185m >20 1 ppm Acid Number (AN) mg KOH/g ASTM D8045 2.97





## **OIL ANALYSIS REPORT**



	VISUAL						
	White Metal	scalar	*Visual	NONE	NONE		
	Yellow Metal	scalar	*Visual	NONE	NONE		
	Precipitate	scalar	*Visual	NONE	NONE		
	Silt	scalar	*Visual	NONE	MODER		
	Debris	scalar	*Visual	NONE	NONE		
	Sand/Dirt	scalar	*Visual	NONE	NONE		
Feb14/24	Appearance	scalar	*Visual	NORML	NORML		
Feb	Odor	scalar	*Visual	NORML	NORML		
	Emulsified Water	scalar	*Visual	>0.05	NEG		
	Free Water	scalar	*Visual		NEG		
	FLUID PROPERT	IES	method	limit/base	current	history1	history2
	Visc @ 40°C	cSt	ASTM D445		51.0		
	SAMPLE IMAGES	S	method	limit/base	current	history1	history2
124	Color				a.	no image	no image
Feb14/24							
	Bottom					no image	no image
	nickel	s		Feb14/24			
	B Copper B Copper Lead Le						
	हैंदे भुष्टे Viscosity @ 40°C			Feb14/24	Acid Number		
	50 - Abnormal 50 - 45 30 - Abnormal			rt ng KOH(g) - 1.0 - 1.0	)- )-		
	40 +			Feb14/24	Feb14/24		
Laboratory Sample No. Lab Number Unique Number	: WearCheck USA - 50 : UCH06196786 : 06196786	1 Madisc Rece Teste Diagr	ived : 31 ed : 03		RASMUS		

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

Contact/Location: CHASE SVOBODA - UCRASWAT

F: