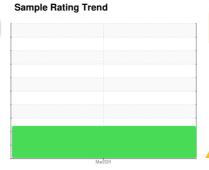


OIL ANALYSIS REPORT







Machine Id **FRICK**

Component Refrigeration Compressor

{not provided} (--- QTS)

DIAGNOSIS

Recommendation

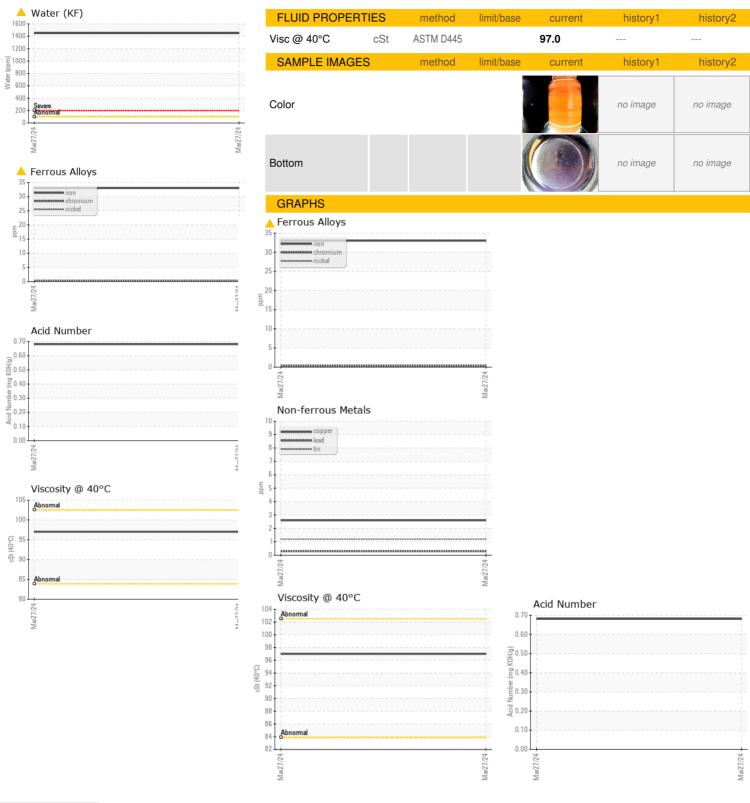
Contamination

Fluid Condition

{not provided} (QTS)					Mar2024		
DIAGNOSIS	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
▲ Recommendation We recommend you service the filters on this component. We recommend an early resample to monitor this condition.	Sample Number		Client Info		RP0036078		
	Sample Date		Client Info		27 Mar 2024		
	Machine Age	hrs	Client Info		0		
	Oil Age	hrs	Client Info		0		
▲ Wear	Oil Changed		Client Info		N/A		
The iron level is abnormal. All other component wear rates are normal.	Sample Status				ABNORMAL		
△ Contamination	WEAR METALS		method	limit/base	current	history1	history2
There is a light concentration of water present in the oil.	Iron	ppm	ASTM D5185m	>8	△ 33		
	Chromium	ppm	ASTM D5185m	>2	<1		
Fluid Condition The AN level is acceptable for this fluid.	Nickel	ppm	ASTM D5185m		<1		
	Titanium	ppm	ASTM D5185m		<1		
	Silver	ppm	ASTM D5185m	>2	0		
	Aluminum	ppm	ASTM D5185m	>3	2		
	Lead	ppm	ASTM D5185m	>2	<1		
	Copper	ppm	ASTM D5185m	>8	3		
	Tin	ppm	ASTM D5185m	>4	1		
	Vanadium	ppm	ASTM D5185m		0		
	Cadmium	ppm	ASTM D5185m		<1		
	ADDITIVES		method	limit/base	current	history1	history2
	Boron	ppm	ASTM D5185m		0		
	Barium	ppm	ASTM D5185m		1		
	Molybdenum	ppm	ASTM D5185m		0		
	Manganese	ppm	ASTM D5185m		1		
	Magnesium	ppm	ASTM D5185m		1		
	Calcium	ppm	ASTM D5185m		39		
	Phosphorus	ppm	ASTM D5185m		298		
	Zinc	ppm	ASTM D5185m		133		
	CONTAMINANTS	3	method	limit/base	current	history1	history2
	Silicon	ppm	ASTM D5185m	>15	4		
	Sodium	ppm	ASTM D5185m		15		
	Potassium	ppm	ASTM D5185m	>20	3		
	Water	%	ASTM D6304	>0.01	0.145		
	ppm Water	ppm	ASTM D6304	>100	1450		
	FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D974		0.681		
	VISUAL		method	limit/base	current	history1	history2
	White Metal	scalar	*Visual	NONE	LIGHT		
	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		
	Appearance	scalar	*Visual	NORML	NORML		
	Odor	scalar	*Visual	NORML	NORML		
	Emulsified Water	scalar	*Visual	>0.01	NEG		
Report Id: DAYLIN [WUSCAR] 06138588 (Generated: 04/09/2024	13 Free Water	scalar	*Visual		NEG	ion: <u>S</u> ervice Ma	nager DAYLIN
							Page 1 of 2



OIL ANALYSIS REPORT





Certificate 12367

Laboratory

Sample No. Lab Number : 06138588

: RP0036078 Unique Number : 10963396 Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 04 Apr 2024 **Tested** : 05 Apr 2024

Diagnosed : 09 Apr 2024 - Jonathan Hester **DAYLIGHT PETROLEUM**

804 WEST CHEROKEE ST LINDSAY, OK

US 73052

Contact: Service Manager

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

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

T:

F: