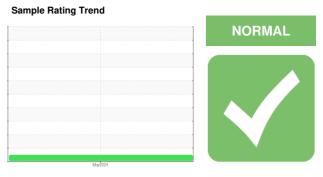


OIL ANALYSIS REPORT

NOT GIVEN **INGERSOLL RAND VK5602 - PLAZE**

Component Compressor



Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH06141457		
Sample Date		Client Info		08 Mar 2024		
Machine Age	hrs	Client Info		33734		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINATION	V	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	>10	0		
Nickel	ppm	ASTM D5185m		0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	0		
Lead	ppm	ASTM D5185m	>25	0		
Copper	ppm	ASTM D5185m	>50	<1		
Tin	ppm	ASTM D5185m	>15	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	2	0		
Barium	ppm	ASTM D5185m	525	113		
Molybdenum	ppm	ASTM D5185m	10	0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m	5	0		
Calcium	ppm	ASTM D5185m	10	6		
Phosphorus	ppm	ASTM D5185m	250	102		
Zinc	ppm	ASTM D5185m	100	0		
Sulfur	ppm	ASTM D5185m	400	276		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1		
Sodium	ppm	ASTM D5185m		24		
Potassium	ppm	ASTM D5185m	>20	4		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2

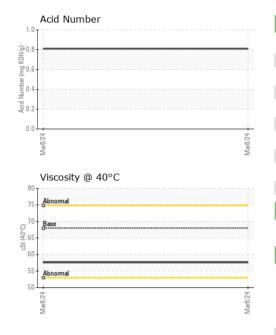
Acid Number (AN)

mg KOH/g ASTM D8045

0.81



OIL ANALYSIS REPORT

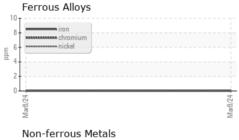


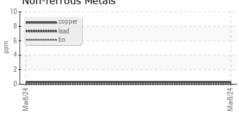
VISUAL		method				history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.1	NEG		
Free Water	scalar	*Visual		NEG		
FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	68	57.6		
SAMPLE IMAGES		method	limit/base	current	history1	history2

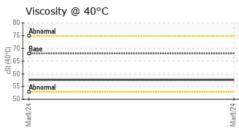
GRAPHS

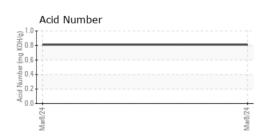
Color

Bottom









no image

no image

no image

no image





Certificate 12367

Laboratory

Sample No. Lab Number : 06141457 Unique Number : 10966265

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : UCH06141457

Received **Tested** Diagnosed

: 08 Apr 2024 : 09 Apr 2024 : 10 Apr 2024 - Angela Borella

4700 LEBOURGET STREET SAINT LOUIS, MO US 63134

Contact: RACHEL VON HATTEN rvonhatten@jhf.com

JOHN HENRY FOSTER COMPANY

T: (314)593-1267 F: (314)874-0965

Test Package : IND 2 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)

Report Id: UCJOHSAI [WUSCAR] 06141457 (Generated: 04/10/2024 17:28:54) Rev: 1

Contact/Location: RACHEL VON HATTEN - UCJOHSAI