

OIL ANALYSIS REPORT

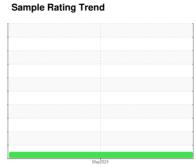
Acid Number (AN)

mg KOH/g ASTM D8045

ULTRA COOLANT [061602]

INGERSOLL RAND AC75101 - IOWA FERTILIZER (S/N TS5035U14271)

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

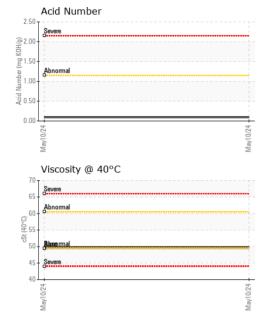
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		JHF06200331		
Sample Date		Client Info		10 May 2024		
Machine Age	hrs	Client Info		55435		
Oil Age	hrs	Client Info		7000		
Oil Changed		Client Info		Changed		
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	>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	<1		
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	0	0		
Barium	ppm	ASTM D5185m	500	937		
Molybdenum	ppm	ASTM D5185m	0	0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m	0	<1		
Calcium	ppm	ASTM D5185m	0	1		
Phosphorus	ppm	ASTM D5185m	20	1		
Zinc	ppm	ASTM D5185m	0	3		
Sulfur	ppm	ASTM D5185m	200	341		
CONTAMINANTS	5	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1		
Sodium	ppm	ASTM D5185m		2		
Potassium	ppm	ASTM D5185m	>20	<1		
FLUID DEGRADA	NOITA	method	limit/base	current	history1	history2

0.092



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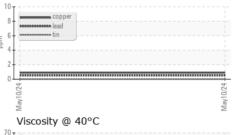


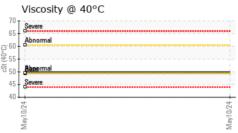
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
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
Visc @ 40°C	cSt	ASTM D445	49.4	49.8		
SAMPLE IMAGES		method			history1	history2

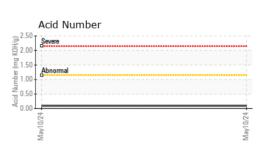
SAMPLE IMAGES	method	limit/base	current	history1	history2
Color		a		no image	no image
Bottom				no image	no image
ODADUO					

GRAPHS













Laboratory Sample No.

Lab Number : 06200331

: JHF06200331 Unique Number : 11062454

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 05 Jun 2024

Tested : 06 Jun 2024 Diagnosed : 06 Jun 2024 - Wes Davis

JOHN HENRY FOSTER COMPANY

4700 LEBOURGET STREET SAINT LOUIS, MO

US 63134

Contact: RACHEL VON HATTEN rvonhatten@jhf.com

T: (314)593-1267

Test Package : IND 2 Certificate 12367 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)