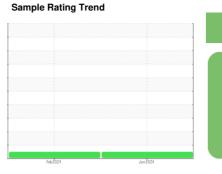


OIL ANALYSIS REPORT







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

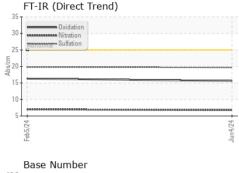
Fluid Condition

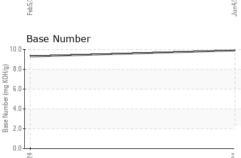
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

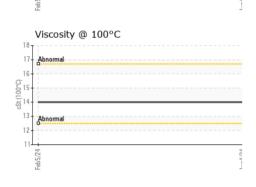
(30 Q13)			F802UZ4	Junz024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		SBP0007476	SBP0006406	
Sample Date		Client Info		04 Jun 2024	05 Feb 2024	
Machine Age	hrs	Client Info		19235	18969	
Oil Age	hrs	Client Info		266	360	
Oil Changed		Client Info		Changed	Changed	
Sample Status				NORMAL	NORMAL	
CONTAMINATION	١	method	limit/base	current	history1	history2
Fuel		WC Method	>5	<1.0	<1.0	
Water		WC Method	>0.2	NEG	NEG	
Glycol		WC Method		NEG	NEG	
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>100	4	11	
Chromium	ppm	ASTM D5185m	>20	<1	<1	
Nickel	ppm	ASTM D5185m	>2	0	<1	
Titanium	ppm	ASTM D5185m	>2	0	<1	
Silver	ppm	ASTM D5185m	>2	0	<1	
Aluminum	ppm	ASTM D5185m	>25	2	1	
Lead	ppm	ASTM D5185m	>40	0	2	
Copper	ppm	ASTM D5185m	>330	1	3	
Tin	ppm	ASTM D5185m	>15	0	<1	
Vanadium	ppm	ASTM D5185m		0	<1	
Cadmium	ppm	ASTM D5185m		0	<1	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		2	1	
Barium	ppm	ASTM D5185m		0	0	
Molybdenum	ppm	ASTM D5185m		61	59	
Manganese	ppm	ASTM D5185m		0	<1	
Magnesium	ppm	ASTM D5185m		1001	956	
Calcium	ppm	ASTM D5185m		1106	1084	
Phosphorus	ppm	ASTM D5185m		951	963	
Zinc	ppm	ASTM D5185m		1341	1187	
Sulfur	ppm	ASTM D5185m		3094	3511	
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	2	3	
Sodium	ppm	ASTM D5185m		<1	0	
Potassium	ppm	ASTM D5185m	>20	2	3	
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.1	0.2	
Nitration	Abs/cm	*ASTM D7624	>20	6.8	7.0	
Sulfation	Abs/.1mm	*ASTM D7415	>30	19.7	19.8	
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	15.6	16.3	
Base Number (BN)	mg KOH/g	ASTM D2896		9.9	9.3	
, ,						

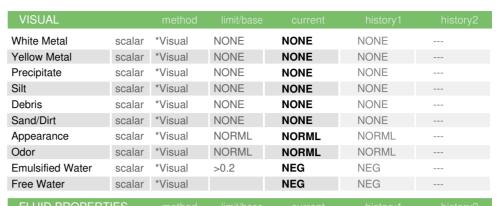


OIL ANALYSIS REPORT



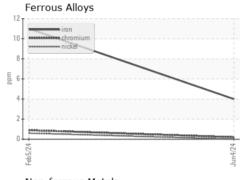


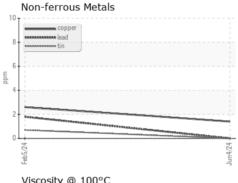


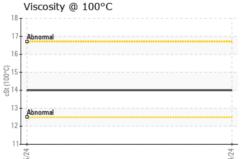


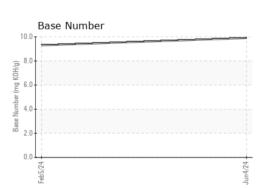
PLUID PROPERTIES		method		HISTORY	History2
Visc @ 100°C	cSt	ASTM D445	14.0	14.0	

GRAPHS













Certificate 12367

Laboratory Sample No.

: SBP0007476 Lab Number : 06221026

Unique Number : 11099223 Test Package : FLEET

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

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 26 Jun 2024 **Tested** : 27 Jun 2024

Diagnosed : 27 Jun 2024 - Wes Davis

GAGE COUNTY HIGHWAY DEPARTMENT

823 SOUTH 8TH ST BEATRICE, NE US 68310

F: (402)223-1351

Contact: MARK KUHNKE mkuhnke@gagecountyne.gov T: (402)223-1395

* - 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: GAGBEA [WUSCAR] 06221026 (Generated: 06/27/2024 11:27:45) Rev: 1

Submitted By: MARK KUHNKE