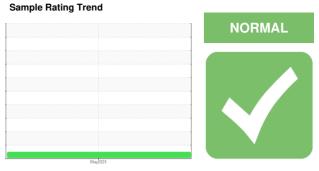


OIL ANALYSIS REPORT





DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil

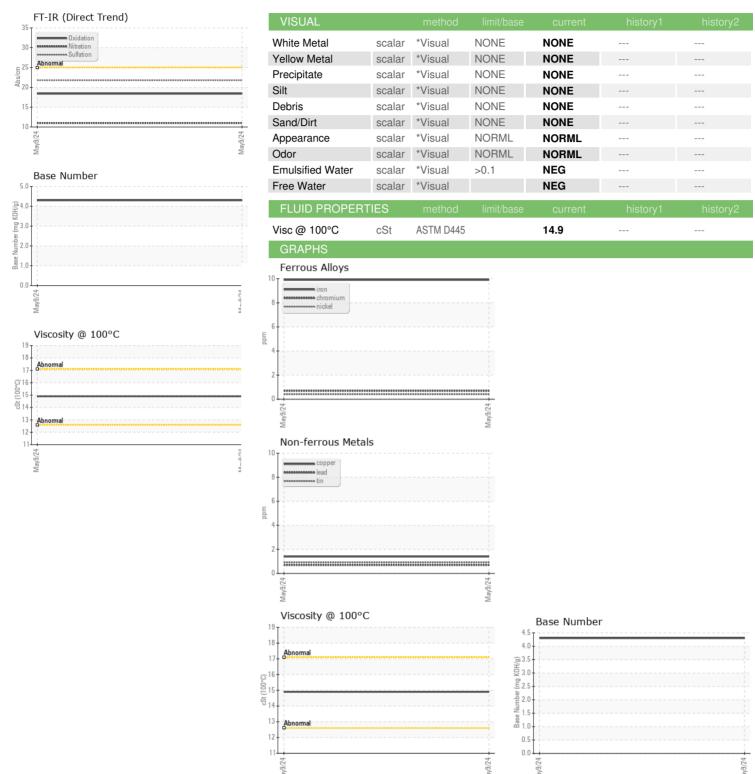
Fluid Condition

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

io (GAL)						
SAMPLE INFOR	RMATION	method	limit/base	current	history1	history2
Sample Number		Client Info		SBP0007317		
Sample Date		Client Info		09 May 2024		
Machine Age	hrs	Client Info		7052		
Oil Age	hrs	Client Info		490		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATIO	ON	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	10		
Chromium	ppm	ASTM D5185m	>5	<1		
Nickel	ppm	ASTM D5185m	>4	<1		
Titanium	ppm	ASTM D5185m	>5	<1		
Silver	ppm	ASTM D5185m	>3	0		
Aluminum	ppm	ASTM D5185m	>25	2		
Lead	ppm	ASTM D5185m	>40	<1		
Copper	ppm	ASTM D5185m	>150	1		
Tin	ppm	ASTM D5185m	>4	<1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		6		
Barium	ppm	ASTM D5185m		2		
Molybdenum	ppm	ASTM D5185m		57		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		524		
Calcium	ppm	ASTM D5185m		1683		
Phosphorus	ppm	ASTM D5185m		761		
Zinc	ppm	ASTM D5185m		980		
Sulfur	ppm	ASTM D5185m		2700		
CONTAMINANT	S	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	15		
Sodium	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m	>20	3		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0		
Nitration	Abs/cm	*ASTM D7624	>20	11.0		
Sulfation	Abs/.1mm	*ASTM D7415	>30	21.8		
FLUID DEGRAD	ATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	18.4		
Base Number (BN)		ASTM D2896		4.3		
(2.1)	39			-		



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No.

Lab Number : 06176585 Unique Number : 11022638 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : SBP0007317 Received

: 10 May 2024 Tested Diagnosed

: 13 May 2024 : 13 May 2024 - Wes Davis

FCC ENVIRONMENTAL SERVICES NEBRASKA LLC 59902 N 16TH ST OMAHA, NE US 68110

Contact: TROY BEAN troy.bean@fccenvironmental.com

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

 st - 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: FCCOMA [WUSCAR] 06176585 (Generated: 05/13/2024 17:04:13) Rev: 1

Submitted By: TROY BEAN

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