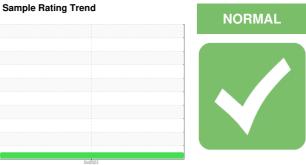


OIL ANALYSIS REPORT





DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Moor

Metal levels are typical for a new component breaking in.

Contamination

There is no indication of any contamination in the

Fluid Condition

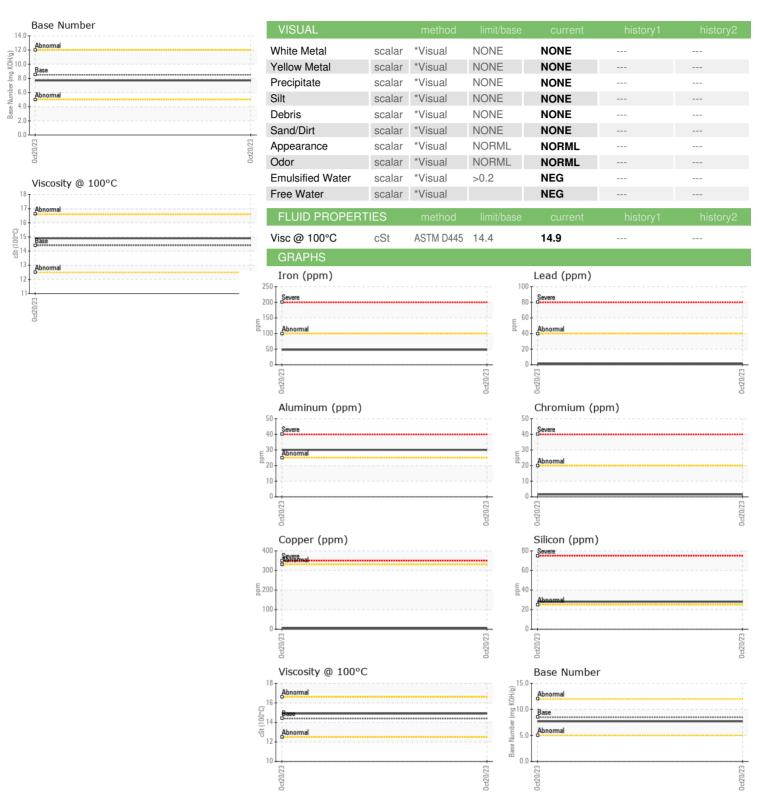
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

AE 15W40 (G	AL)			0ct2023		
SAMPLE INFORM	//ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0744170		
Sample Date		Client Info		20 Oct 2023		
Machine Age	hrs	Client Info		1000		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATION	N	method	limit/base	current	history1	history2
Fuel		WC Method	>5	<1.0		
Glycol		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>100	48		
Chromium	ppm	ASTM D5185m	>20	2		
Nickel	ppm	ASTM D5185m	>2	0		
Titanium	ppm	ASTM D5185m	>2	0		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>25	30		
_ead	ppm	ASTM D5185m	>40	1		
Copper	ppm	ASTM D5185m	>330	5		
Γin	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	250	0		
Barium	ppm	ASTM D5185m	10	0		
Molybdenum	ppm	ASTM D5185m	100	61		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m	450	901		
Calcium	ppm	ASTM D5185m	3000	1149		
Phosphorus	ppm	ASTM D5185m	1150	961		
Zinc	ppm	ASTM D5185m	1350	1235		
Sulfur	ppm	ASTM D5185m	4250	2812		
CONTAMINANTS	;	method	limit/base	current	history1	history2
0111						
Silicon	ppm	ASTM D5185m	>25	28		
	ppm ppm	ASTM D5185m ASTM D5185m	>25 >158	28 15		
Sodium						
Sodium	ppm	ASTM D5185m	>158	15		
Sodium Potassium INFRA-RED	ppm	ASTM D5185m ASTM D5185m	>158 >20	15 0		
Sodium Potassium INFRA-RED Soot %	ppm	ASTM D5185m ASTM D5185m method	>158 >20 limit/base	15 0 current	history1	history2
Silicon Sodium Potassium INFRA-RED Soot % Nitration Sulfation	ppm ppm	ASTM D5185m ASTM D5185m method *ASTM D7844	>158 >20 limit/base >3	15 0 current 2.4	history1	 history2
Sodium Potassium INFRA-RED Soot % Nitration	ppm ppm % Abs/cm Abs/.1mm	ASTM D5185m ASTM D5185m method *ASTM D7844 *ASTM D7624	>158 >20 limit/base >3 >20	15 0 current 2.4 11.2	history1	history2
Sodium Potassium INFRA-RED Soot % Nitration Sulfation	ppm ppm % Abs/cm Abs/.1mm	ASTM D5185m ASTM D5185m method *ASTM D7844 *ASTM D7624 *ASTM D7415	>158 >20 limit/base >3 >20 >30	15 0 current 2.4 11.2 24.4	 history1 	 history2

Contact/Location: ROB CLARKE - INTCHE



OIL ANALYSIS REPORT







Certificate L2367

Laboratory Sample No. Lab Number

Unique Number

: 05998696 : 10727056

: WC0744170 Received

: 06 Nov 2023 Diagnosed : 07 Nov 2023 Diagnostician : Don Baldridge

Test Package : MOB 1 (Additional Tests: TBN)

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

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)

INTERSTATE WASTE-CHESTER

89 BLACK MEADOW RD CHESTER, NY

US 10918 Contact: ROB CLARKE

rclarke@interstatewaste.com T:

Contact/Location: ROB CLARKE - INTCHE

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