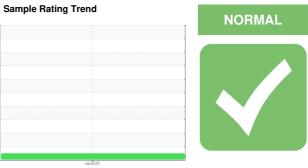


OIL ANALYSIS REPORT





DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DIESEL ENGINE OIL SAE 40. Please confirm.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

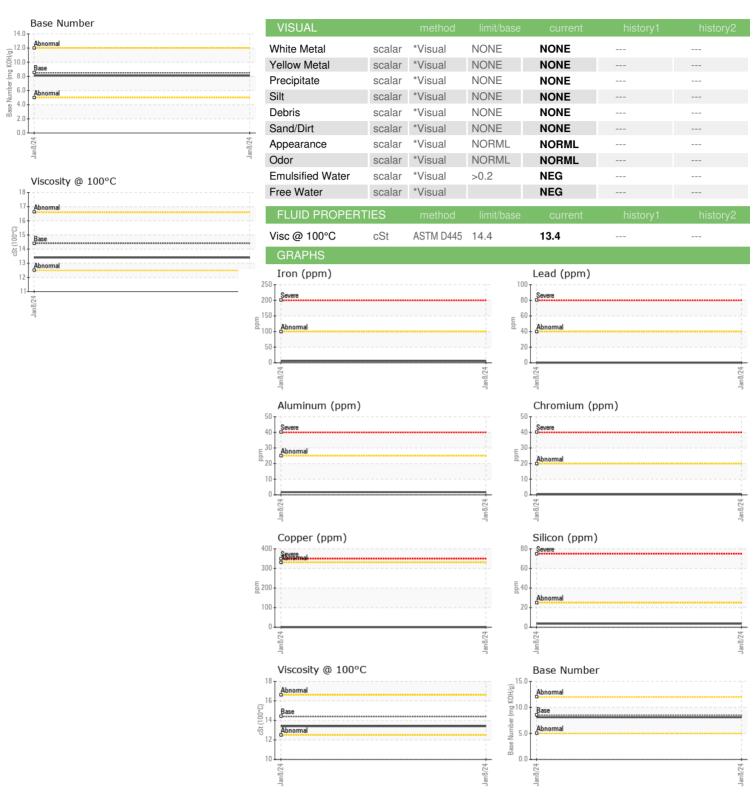
Fluid Condition

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

SAE 40 (GAL)				Jan2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0889574		
Sample Date		Client Info		08 Jan 2024		
Machine Age	hrs	Client Info		10359		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Fuel		WC Method	>5	<1.0		
Water		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>100	5		
Chromium	ppm	ASTM D5185m	>20	<1		
Nickel	ppm	ASTM D5185m	>2	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m		2		
Lead	ppm	ASTM D5185m	>40	0		
Copper	ppm	ASTM D5185m		<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	250	21		
Barium	ppm	ASTM D5185m	10	3		
Molybdenum	ppm	ASTM D5185m	100	62		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m	450	897		
Calcium	ppm	ASTM D5185m	3000	1119		
Phosphorus Zinc	ppm	ASTM D5185m	1150	953		
Sulfur	ppm	ASTM D5185m ASTM D5185m	1350 4250	1206 3400		
CONTAMINANTS		method	limit/base			history2
Silicon		ASTM D5185m	>25	current 4	history1	HISTORYZ
Sodium	ppm	ASTM D5185m	>216	0		
Potassium	ppm	ASTM D5185m	>20	2		
INFRA-RED	la la	method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.3		
Nitration	Abs/cm	*ASTM D7624	>20	6.0		
Sulfation	Abs/.1mm	*ASTM D7024	>30	17.6		
FLUID DEGRADA		method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	12.5		
Base Number (BN)	mg KOH/g	ASTM D2896	8.5	8.1		



OIL ANALYSIS REPORT







Certificate L2367

Laboratory Sample No. Lab Number

Unique Number

: 06064108 : 10835490

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC0889574

Recieved : 18 Jan 2024 Diagnosed

: 19 Jan 2024

Diagnostician : Wes Davis Test Package : MOB 1 (Additional Tests: TBN)

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-NEWARK

110 EVERGREEN AVE, BAY 3 NEWARK, NJ US 07114

Contact: Robert Witynski RWitynski@interstatewaste.com

T:

F: