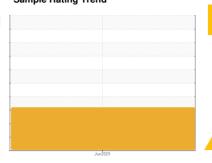


OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Machine Id
LS-117
Component
Left Final Drive

DIESEL ENGINE OIL SAE 15W40 (--- GAL)

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

Gear wear is indicated. All other component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

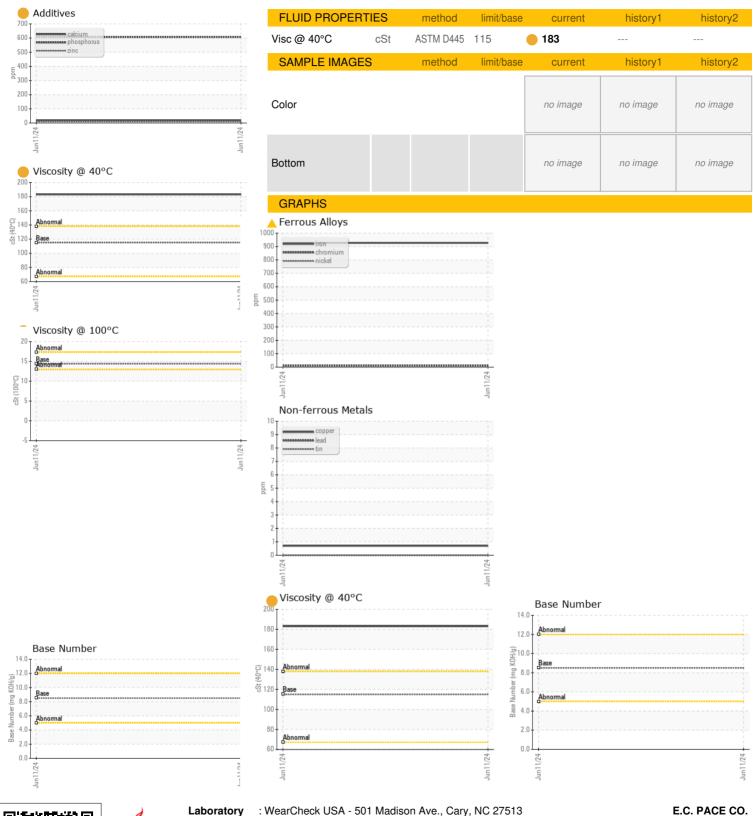
Fluid Condition

The oil viscosity is higher than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

		L		Jun 2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0909387		
		Client Info		11 Jun 2024		
Sample Date Machine Age	hrs	Client Info		1765		
Oil Age	hrs	Client Info		0		
Oil Changed	1115	Client Info		N/A		
Sample Status		Ciletit IIIIO		ABNORMAL		
-		and the section	1''-			
CONTAMINATION Water	N	method WC Method	limit/base >0.2	current NEG	history1	history2
WEAR METALS		method	limit/base		hiotonul	hiotomy
				current	history1	history2
Iron	ppm	ASTM D5185m	>500	<u>A</u> 927		
Chromium	ppm		>10	<u> </u>		
Nickel	ppm	ASTM D5185m	>10	1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	4		
Lead	ppm	ASTM D5185m	>25	0		
Copper	ppm	ASTM D5185m	>50	<1		
Tin	ppm	ASTM D5185m	>10	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	250	31		
Barium	ppm	ASTM D5185m	10	0		
Molybdenum	ppm	ASTM D5185m	100	0		
Manganese	ppm	ASTM D5185m		8		
Magnesium	ppm	ASTM D5185m	450	<u> </u>		
Calcium	ppm	ASTM D5185m	3000	1 9		
Phosphorus	ppm	ASTM D5185m	1150	607		
Zinc	ppm	ASTM D5185m	1350	<u> </u>		
Sulfur	ppm	ASTM D5185m	4250	9505		
CONTAMINANTS		method	limit/base	current	history1	hiotony?
					HISTORY	history2
Silicon	ppm	ASTM D5185m		65		
Sodium	ppm	ASTM D5185m		2		
Potassium	ppm	ASTM D5185m	>20	1		
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	>0.2	NEG		
Free Water	scalar	*Visual		NEG		
3:27:03) Rev: 1				Contact/Loc	ation: EDDIE S	ECO - ECPROA



OIL ANALYSIS REPORT





Certificate 12367

Sample No. Lab Number : 06236624

: WC0909387 Unique Number : 11125458

Received : 15 Jul 2024 **Tested** : 17 Jul 2024 Diagnosed

: 17 Jul 2024 - Don Baldridge

Test Package : FLEET (Additional Tests: FT-IR, KV100, 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)

Contact: EDDIE SECO ESECO@ECPACE.COM T: (276)266-5849

1811 HOLLINS RD.

ROANOKE, VA

F: (540)343-6909

US 24012

Report Id: ECPROA [WUSCAR] 06236624 (Generated: 07/17/2024 13:27:03) Rev: 1

Contact/Location: EDDIE SECO - ECPROA