

OIL ANALYSIS REPORT

Sample Rating Trend







VOLVO L70C L-39

Component

Diesel Engine

Fluid

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

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

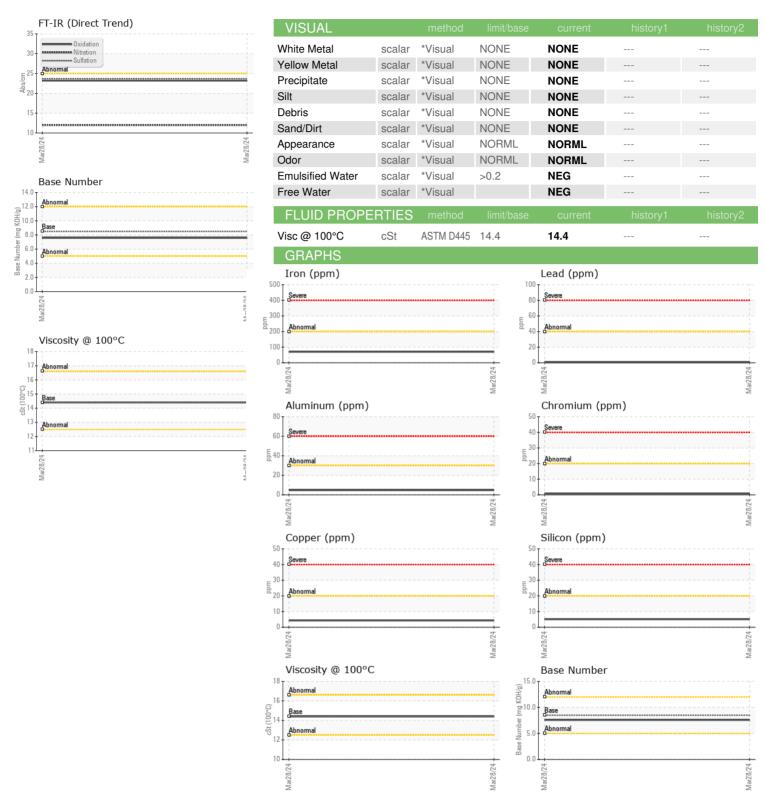
Fluid Condition

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

SAMPLE INFORM	MATION	method				history2
Sample Number		Client Info		PCA0120874		
Sample Date		Client Info		28 Mar 2024		
Machine Age	hrs	Client Info		0		
Dil Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATI	ON	method	limit/base	current	history1	history2
uel		WC Method	>6.0	<1.0		
Vater		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METALS	S	method	limit/base	current	history1	history2
on	ppm	ASTM D5185m	>200	70		
Chromium	ppm	ASTM D5185m	>20	<1		
lickel	ppm	ASTM D5185m	>5	0		
itanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m	>2	0		
lluminum	ppm	ASTM D5185m	>30	5		
ead	ppm	ASTM D5185m	>40	<1		
Copper	ppm	ASTM D5185m	>20	4		
īn	ppm	ASTM D5185m	>20	<1		
/anadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	250	5		
Barium	ppm	ASTM D5185m	10	0		
Nolybdenum	ppm	ASTM D5185m	100	61		
Manganese	ppm	ASTM D5185m		<1		
/lagnesium	ppm	ASTM D5185m	450	907		
Calcium	ppm	ASTM D5185m	3000	1065		
Phosphorus 	ppm	ASTM D5185m	1150	982		
linc	ppm	ASTM D5185m		1212		
Sulfur	ppm	ASTM D5185m		3340		
CONTAMINAN	TS	method	limit/base	current	history1	history
Silicon	ppm	ASTM D5185m	>20	5		
Sodium	ppm	ASTM D5185m	>158	11		
Potassium	ppm	ASTM D5185m	>20	0		
INFRA-RED		method	limit/base	current	history1	history
Soot %	%	*ASTM D7844	>3	1.4		
litration	Abs/cm	*ASTM D7624	>20	12.0		
Gulfation	Abs/.1mm	*ASTM D7415	>30	23.7		
FLUID DEGRAD	ATION	method	limit/base	current	history1	history
Oxidation	Abs/.1mm	*ASTM D7414	>25	23.2		
				7.58		



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Certificate 12367

Laboratory Sample No.

Lab Number : 06140101 Unique Number : 10964909

Test Package : MOB 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : PCA0120874

Received : 05 Apr 2024 **Tested** Diagnosed

: 08 Apr 2024 : 08 Apr 2024 - Wes Davis 3000 W 139TH ST BLUE ISLAND, IL US 60406

SCRAP METAL SERVICES NON-FERROUS DIVISION

Contact: SERGIO FERNANDEZ sfernandez@scrapmetalservices.com T:

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)

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