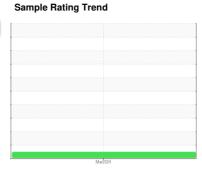


OIL ANALYSIS REPORT

East Chicago Operations VOLVO L90E L-16 (S/N L90EV67062)

Diesel Engine

PETRO CANADA DURON HP 15W40 (--- GAL)





DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

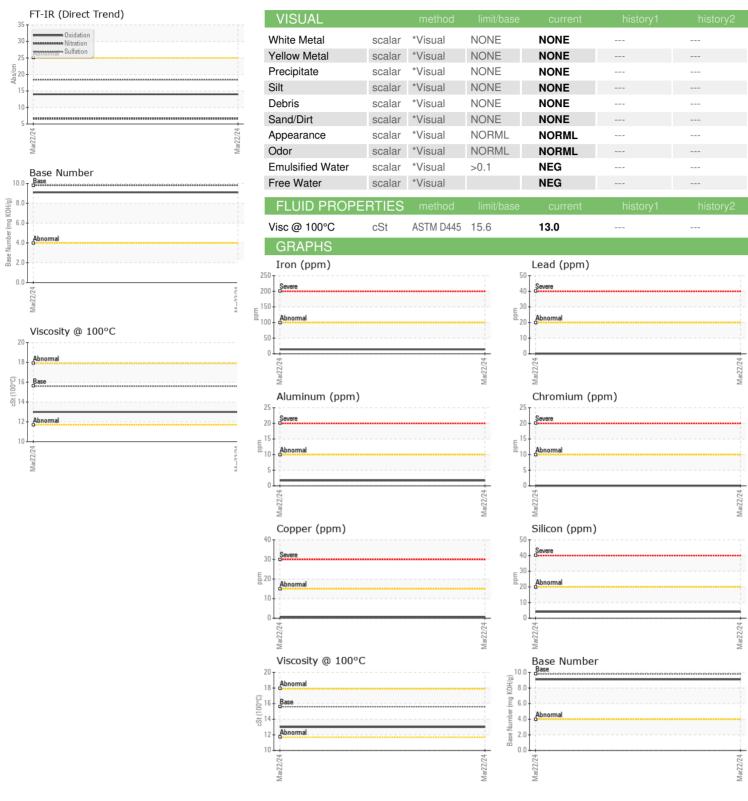
Fluid Condition

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

M HP 15W40 (-	J., 12,					
SAMPLE INFOR	RMATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0120505		
Sample Date		Client Info		22 Mar 2024		
Machine Age	hrs	Client Info		14717		
Oil Age	hrs	Client Info		221		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINA	TION	method	limit/base	current	history1	history2
Fuel		WC Method	>6.0	<1.0		
Water		WC Method	>0.1	NEG		
Glycol		WC Method		NEG		
WEAR METAI	LS	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>100	14		
Chromium	ppm	ASTM D5185m	>10	0		
Nickel	ppm	ASTM D5185m	>10	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>10	2		
Lead	ppm	ASTM D5185m	>20	0		
Copper	ppm	ASTM D5185m	>15	<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		8		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		56		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		913		
Calcium	ppm	ASTM D5185m		1009		
Phosphorus	ppm	ASTM D5185m		1022		
Zinc	ppm	ASTM D5185m		1183		
Sulfur	ppm	ASTM D5185m		3429		
CONTAMINA	NTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	4		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	0		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.3		
Nitration	Abs/cm	*ASTM D7624	>20	6.6		
Sulfation	Abs/.1mm	*ASTM D7415	>30	18.4		
FLUID DEGRA	ADATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	14.0		



OIL ANALYSIS REPORT







Sample No.

Lab Number : 06140138

: PCA0120505 Unique Number : 10964946

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

: 05 Apr 2024 : 08 Apr 2024

Diagnosed : 08 Apr 2024 - Wes Davis

Test Package : MOB 2 Certificate 12367 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)

SCRAP METAL SERVICES

415 E 151ST STREET EAST CHICAGO, IN US 46312

Contact: DAN GERTLER

dgertler@scrapmetalservices.com T: (312)771-4999

Report Id: SCREAS [WUSCAR] 06140138 (Generated: 04/08/2024 12:14:41) Rev: 1

Contact/Location: DAN GERTLER - SCREAS

F: