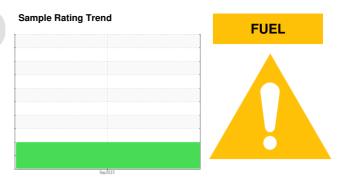


PROBLEM SUMMARY

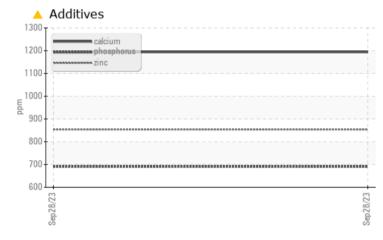


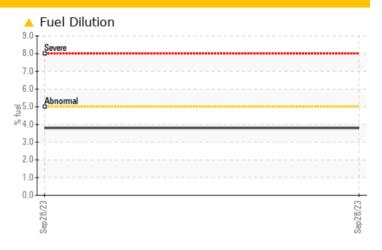
KENWORTH 428109-SW4836

Diesel Engine

MOBIL DELVAC ELITE 15W40 (--- GAL)

COMPONENT CONDITION SUMMARY





RECOMMENDATION

The oil change at the time of sampling has been noted. Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. No other corrective action is recommended at this time.

PROBLEMAT	IC TES	T RESULT	S		
Sample Status				ATTENTION	
Magnesium	ppm	ASTM D5185m		636	
Phosphorus	ppm	ASTM D5185m		🔺 691	
Zinc	ppm	ASTM D5185m		<u> </u>	
Fuel	%	ASTM D3524	>5	3.8	

Customer Id: GFL981 Sample No.: GFL0095442 Lab Number: 06006119 Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data: Wes Davis +1 905-569-8600 x223 wesd@wearcheck.ca

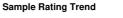
To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com

RECOMMENDED	DMMENDED ACTIONS					
Action	Status	Date	Done By	Description		
Check Fluid Source			?	Confirm the source of the lubricant being utilized for top-up/fill.		

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT



FUEL

KENWORTH 428109-SW4836

Diesel Engine Fluid MOBIL DELVAC ELITE 15W40 (--- GAL)

DIAGNOSIS

Recommendation

The oil change at the time of sampling has been noted. Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. No other corrective action is recommended at this time.

Wear

All component wear rates are normal.

Contamination

Light fuel dilution occurring. No other contaminants were detected in the oil.

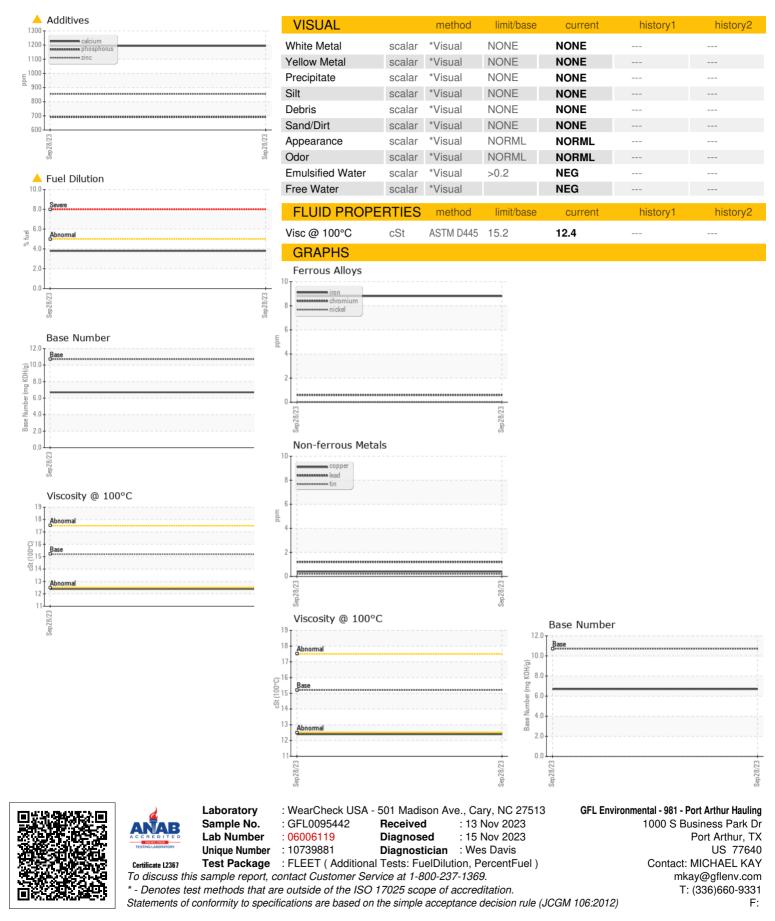
Fluid Condition

Additive levels indicate the addition of a different brand, or type of oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

			Sep2023		
IATION	method	limit/base	current	history1	history2
	Client Info		GFL0095442		
	Client Info		28 Sep 2023		
hrs	Client Info		14213		
hrs	Client Info		500		
	Client Info		Changed		
			ATTENTION		
ON	method	limit/base	current	history1	history2
	WC Method		NEG		
S	method	limit/base	current	history1	history2
ppm	ASTM D5185m	>100	9		
ppm	ASTM D5185m	>20	<1		
ppm	ASTM D5185m	>4	0		
ppm	ASTM D5185m		0		
ppm	ASTM D5185m	>3	0		
ppm	ASTM D5185m	>20	2		
ppm	ASTM D5185m	>40	1		
ppm	ASTM D5185m	>330	<1		
ppm	ASTM D5185m	>15	<1		
ppm	ASTM D5185m		0		
ppm	ASTM D5185m		0		
	method	limit/base	current	history1	history2
			68		
ppm	ASTM D5185m		00		
ppm ppm	ASTM D5185m ASTM D5185m		0		
ppm	ASTM D5185m		0		
ppm ppm	ASTM D5185m ASTM D5185m		0 115		
ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m		0 115 <1		
ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		0 115 <1 ▲ 636	 	
ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		0 115 <1 ▲ 636 1194		
ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		0 115 <1 ▲ 636 1194 ▲ 691	 	
ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	0 115 <1 ▲ 636 1194 ▲ 691 ▲ 854	 	
ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base >25	0 115 <1 ▲ 636 1194 ▲ 691 ▲ 854 3035	 	
ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		0 115 <1 ▲ 636 1194 ▲ 691 ▲ 854 3035 current	 history1	
ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		0 115 <1 ▲ 636 1194 ▲ 691 ▲ 854 3035 current 4	 history1	 history2
ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>25 >20	0 115 <1 ▲ 636 1194 ▲ 691 ▲ 854 3035 current 4 2	 history1	 history2
ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>25 >20	0 115 <1 ▲ 636 1194 ▲ 691 ▲ 854 3035 <u>current</u> 4 2 2	 history1	 history2
ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m	>25 >20 >5 limit/base	0 115 <1 ▲ 636 1194 ▲ 691 ▲ 854 3035 Current 4 2 2 2 ▲ 3.8 Current	 history1 history1	 history2 history2
ppm	ASTM D5185m ASTM D5185m	>25 >20 >5 limit/base >3	0 115 <1 ▲ 636 1194 ▲ 691 ▲ 854 3035 Current 4 2 2 ▲ 3.8 Current 1.3	 history1 history1 	 history2 history2
ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m	>25 >20 >5 limit/base	0 115 <1 ▲ 636 1194 ▲ 691 ▲ 854 3035 Current 4 2 2 2 ▲ 3.8 Current	 history1 history1	 history2 history2
ppm ppm ppm ppm ppm ppm ppm ppm TS ppm ppm ppm %	ASTM D5185m ASTM D5185m	>25 >20 >5 limit/base >3 >20	0 115 <1 ▲ 636 1194 ▲ 691 ▲ 854 3035 Current 4 2 2 ▲ 3.8 Current 1.3 9.3	 history1 history1	 history2 history2
ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D524 *ASTM D7844 *ASTM D7844	>25 >20 >5 limit/base >3 >20 >30 limit/base	0 115 <1 ▲ 636 1194 ▲ 691 ▲ 854 3035 Current 4 2 2 & 3.8 Current 1.3 9.3 19.3	 history1 history1 history1	history2 history2 history2
	hrs hrs ON ON ppm ppm ppm ppm ppm ppm ppm ppm ppm pp	Client Info Client Info hrs Client Info hrs Client Info Client Info ASTM D5185m ppm ASTM D5185m ppm ASTM D5185m ppm ASTM D5185m ppm ASTM D5185m ppm ASTM D5185m ppm ASTM D5185m	MATION method limit/base Client Info Client Info hrs Client Info Client Info Imit/base Client Info Imit/base VC Method Imit/base WC Method S method Imit/base ppm ASTM D5185m >100 ppm ASTM D5185m >20 ppm ASTM D5185m >330 ppm ASTM D5185m >15 <	Client InfoGFL0095442Client Info28 Sep 2023hrsClient Info14213hrsClient Info500Client InfoChangedClient InfoChangedClient InfoChangedClient InfoChangedClient InfoChangedClient InfoCurrentWC MethodIimit/baseWC MethodIimit/baseppmASTM D5185mppmASTM D5185m	MATIONmethodlimit/basecurrenthistory1Client InfoGFL0095442hrsClient Info14213hrsClient Info14213hrsClient Info500Client InfoChangedClient InfoMatterAtterntionClient InfoImit/basecurrentMethodlimit/basecurrentWC MethodNEGNergASTM D5185m>20<1



OIL ANALYSIS REPORT



Submitted By: MICHAEL KAY

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