

## **OIL ANALYSIS REPORT**

Sample Rating Trend

**WEAR** 

KENWORTH T800 1526 (S/N 096151)

Diesel Engine Fluid SHELL ROTELLA T 15W40 (--- GAL)

#### DIAGNOSIS

#### Recommendation

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

### 🔺 Wear

Cylinder, crank, or cam shaft wear is indicated. All other component wear rates are normal.

#### Contamination

There is no indication of any contamination in the oil.

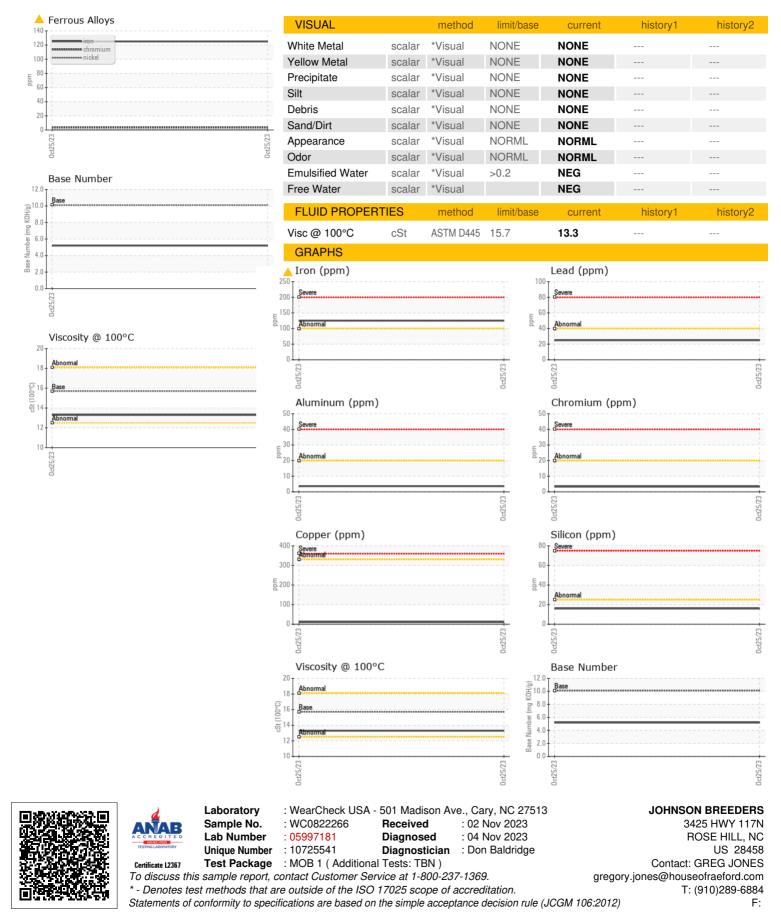
#### Fluid Condition

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

IATION	method	limit/base	current	history1	history2
	Client Info		WC0822266		
	Client Info		25 Oct 2023		
mls	Client Info		426686		
mls	Client Info		12000		
	Client Info		Changed		
			ABNORMAL		
J	method	limit/base	current	history1	history2
	WC Method	>5	<1.0		
	WC Method		NEG		
	method	limit/base	current	history1	history2
maa	ASTM D5185m	>100	<b>125</b>		
	ASTM D5185m	>20	3		
ppm	ASTM D5185m	>4	<1		
ppm	ASTM D5185m		<1		
ppm	ASTM D5185m	>3	0		
ppm	ASTM D5185m	>20	4		
ppm	ASTM D5185m	>40	25		
ppm	ASTM D5185m	>330	11		
ppm	ASTM D5185m	>15	2		
ppm	ASTM D5185m		0		
ppm	ASTM D5185m		0		
	method	limit/base	current	history1	history2
ppm	ASTM D5185m	316	22		
ppm	ASTM D5185m	0.0	0		
ppm	ASTM D5185m	1.2	64		
ppm	ASTM D5185m		<1		
ppm	ASTM D5185m	24	661		
ppm	ASTM D5185m	2292	1404		
ppm	ASTM D5185m	1064	985		
ppm	ASTM D5185m	1160	1232		
ppm	ASTM D5185m	4996			
le le		+550	2773		
le le	method	limit/base	2773 current	history1	history2
ppm		limit/base			history2
	method	limit/base	current		history2 
ppm	method ASTM D5185m	limit/base >25	current 16	history1	
ppm ppm	method ASTM D5185m ASTM D5185m	limit/base >25	current 16 3	history1	
ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m	limit/base >25 >20	current 16 3 12	history1  	
ppm ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m method	limit/base >25 >20 limit/base >3	current 16 3 12 current	history1   history1	  history2
ppm ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m method	limit/base >25 >20 limit/base >3	current 16 3 12 current 1.1	history1   history1 	  history2
ppm ppm ppm % Abs/cm	methodASTM D5185mASTM D5185mASTM D5185mmethod*ASTM D7844*ASTM D7624	limit/base >25 >20 limit/base >3 >20	current     16     3     12     current     1.1     11.8	history1   history1 	  history2 
ppm ppm ppm % Abs/cm Abs/.1mm	method ASTM D5185m ASTM D5185m ASTM D5185m *ASTM D7844 *ASTM D7624 *ASTM D7415	limit/base   >25   >20   limit/base   >3   >20   >3   >20   >3   >20	current     16     3     12     current     1.1     11.8     25.2	history1   history1  	 history2 
	mis mis mis mis ppm ppm ppm ppm ppm ppm ppm ppm ppm pp	Client Info Client Info MIS Client Info Client Info Cl	Client InfoClient InfoClient InfomlsClient InfoClient InfoClient InfoClient InfoClient InfoClient InfoImit/baseWC MethodSolutionWC MethodSolutionPpmASTM D5185mASTM D5185mSolutionPpmASTM D5185mPpmASTM D518	Client InfoWC0822266Client Info25 Oct 2023mlsClient Info426686mlsClient Info12000Client InfoChangedClient InfoChangedClient InfoChangedClient InfoChangedMathematical Client InfoChangedWC Method>5<1.0	Client Info   WC0822266      Client Info   25 Oct 2023      mls   Client Info   426686      mls   Client Info   12000      Client Info   Changed      Client Info   Current   history1     WC Method   >5   <1.0



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Contact/Location: GREG JONES - JOHROSNC