

OIL ANALYSIS REPORT

Sample Number

Sample Date

Machine Age

Oil Changed

Sample Status

Oil Age

Fuel

Water

Glycol

Iron

Nickel

Silver

Lead

Tin

Copper

Vanadium

Cadmium

Boron

Barium

Molybdenum

Manganese

Magnesium

Phosphorus

Calcium

Zinc

Sulfur

Silicon

Sodium

Soot %

Nitration

Sulfation

Oxidation

Potassium

INFRA-RED

FLUID DEGRADATION

ASTM D5185m

*ASTM D7844

*ASTM D7415

*ASTM D7414

*ASTM D7624 >20

ASTM D5185m 1270

1160

1150

3140

>25

>20

>6

>30

>25

820

ppm

ppm

ppm

ppm

ppm

ppm

ppm

ppm

ppm

%

Abs/cm

Abs/.1mm

Abs/.1mm Base Number (BN) mg KOH/g ASTM D2896 10

Titanium

Aluminum

Chromium

(BY89726) OLANDER BUS SERVICE **INTERNATIONAL 2470-43**

Diesel Engine

Fluic **RIDGELINE FULL SYNTHETIC 5W-40 CK-4 (17 QTS)**

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

Metal levels are typical for a new component breaking in.

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.



0

684

1138

914

1259

3076

5

3

9

0.6

10.2 22.3

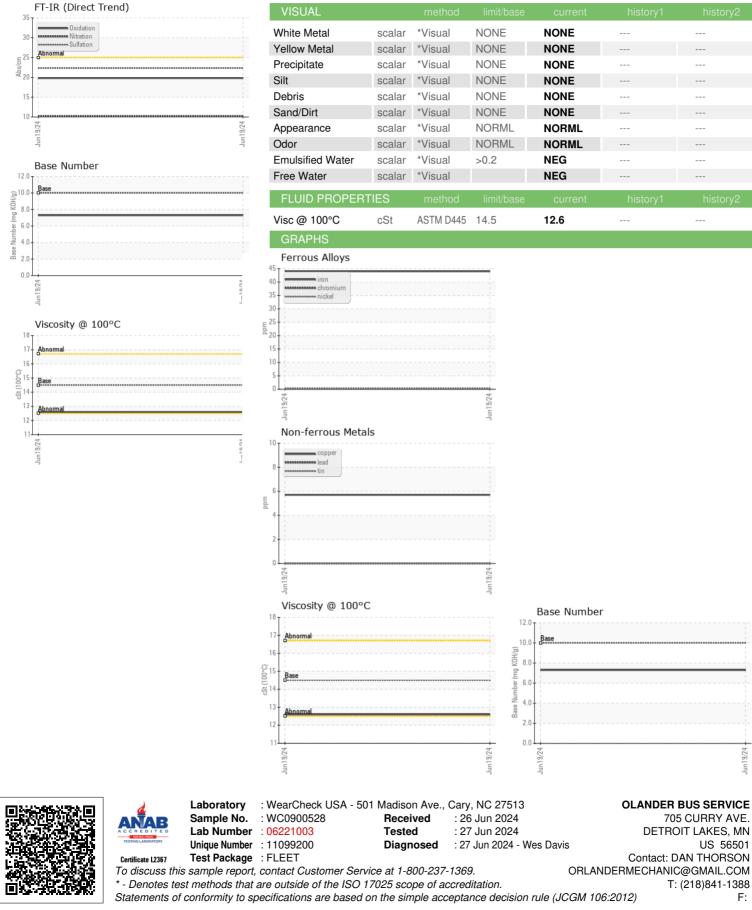
19.8

7.3

Sample Rating Trend



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Submitted By: JEFF WILSON

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