

OIL ANALYSIS REPORT

Sample Date

Machine Age

Oil Changed

Sample Status

Oil Age

Water

Iron

Nickel

Silver

Lead

Tin

Copper

Vanadium

Cadmium

Boron

Barium

Molvbdenum

Manganese

Magnesium

Phosphorus

CONTAMINANTS

FLUID DEGRADATION

ASTM D5185m

*ASTM D7844

*ASTM D7415

Abs/cm *ASTM D7624 >20

Abs/.1mm *ASTM D7414

ppm

ppm

ppm

ppm

ppm

ppm

ppm

%

Base Number (BN) mg KOH/g ASTM D2896 10.2

Abs/.1mm

1510

780

870

2040

>+100

>20

>30

>25

Calcium

Zinc

Sulfur

Silicon

Sodium

Soot %

Nitration

Sulfation

Oxidation

Potassium

INFRA-RED

Titanium

Aluminum

Chromium

(**THX0606**) 934055

Component **1 Natural Gas Engine**

PETRO CANADA DURON GEO LD 15W40 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

Metal levels are typical for a new component breaking in.

Contamination

Elevated aluminum (AI) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. 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.



2031

848

1118

3328

8

8

0

11.5

25.8

21.3

3.7

289

1872

922

1131

2921

6

6

0

10.4

21.8

18.4

5.3

175

1639

756

1064

2499

8

7

0

11.4

23.1

19.7

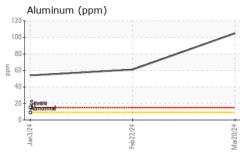
3.8

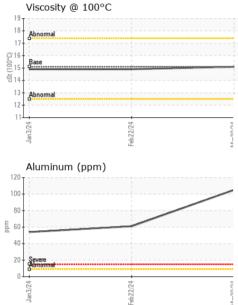
200

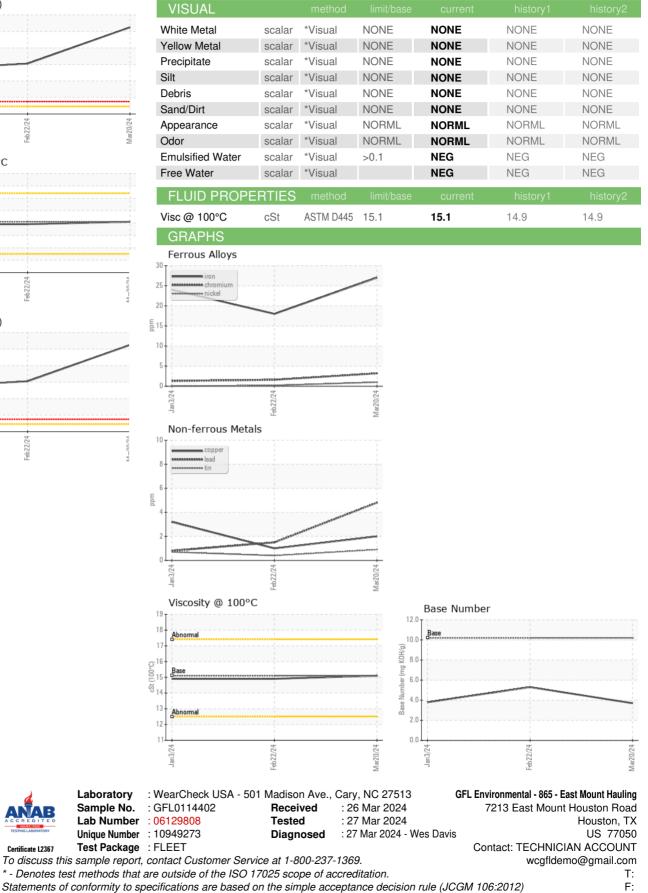
Sample Rating Trend



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Certificate L2367

Submitted By: TECHNICIAN ACCOUNT