

WEAR NORMAL CONTAMINATION MARGINAL FLUID CONDITION NORMAL

Current

LW0009471

27 Jun 2024

Changed

Changed

MARGINAL

32

2

<1

<1

<1

9

<1

2

<1

ء1

18

8

<1.0

0.161 1610

NEG

0.1

6.9

18.4

NONE

LIGHT

NONE

NORML

NORML

0.2%

3

6

<1

62

<1

945

1120

949

1214

2663

15.3

9.1

15.0

NONE

NONE

4385

1

1

History1

15 Feb 2024

Changed

Changed

NORMAL

87

4

0

0

0

0

1

0

0

NONE

NONE

15

17

<1.0

NEG

02

8.1

18.9

NONE

NONE

NONE

NORML

NORML

NEG

11

2

0

60

<1

987

1113

993

1276

2646

16.8

9.0

15.1

12

4384

189

189

History2

28 Feb 2022

Changed

Changed

NORMAL

27

2

0

<1

0

7

<1

<1

0

8

4

<1.0

NEG

0.2

7.8

20.5

NONE

NONE

NONE

NORML

NORML

NEG

3

4

0

60

<1

966

1096

973

1277

2526

17.5

10.2

15.4

NONE

NONE

1

4195

255

255

LW0008909 LW0004330

K5 CONSTRUCTION CORPORATION - HODGKINS IL 1752 **Diesel Engine** LEAHY WOLF PREMIUM 15W40 (2 hrs) RECOMMENDATION Test UOM Method Limit/Abn Sample Number Client Info Oil and filter change at the time of sampling has been noted. Resample Sample Date Client Info at the next service interval to monitor. Client Info Machine Age hrs Oil Age hrs Client Info Filter Age hrs Client Info Oil Changed Client Info Filter Changed Client Info Sample Status WEAR Iron ppm ASTM D5185m >100 Chromium ppm ASTM D5185m >20 All component wear rates are normal. Nickel ASTM D5185m >4ppm Titanium ASTM D5185m ppm Silver ppm ASTM D5185m >3 ASTM D5185m >20 Aluminum ppm ASTM D5185m Lead ppm >40 Copper ASTM D5185m >330 ppm ASTM D5185m Tin >15 ppm Vanadium ASTM D5185m ppm White Metal scala *Visual NONE Yellow Metal *Visual NONE scalar Silicon ASTM D5185m >25 CONTAMINATION ppm Potassium ASTM D5185m >20 ppm There is a light concentration of water present in the oil. Fuel WC Method >5 Water % ASTM D6304 >0.2 ppm Water ppm **ASTM D6304** >2000 Glycol % *ASTM D2982 % *ASTM D7844 >3 Soot % Abs/cm *ASTM D7624 >20 Nitration Sulfation Abs/.1mm *ASTM D7415 >30 Silt NONE scalar *Visual Debris scalar *Visual NONE Sand/Dirt *Visual NONE scalar *Visual NORML Appearance scalar Odor *Visual NORML scalar **Emulsified Water** scalar *Visual >0.2 **FLUID CONDITION** Sodium ASTM D5185m ppm Boron ASTM D5185m ppm The BN result indicates that there is suitable alkalinity remaining in the Barium ASTM D5185m ppm

oil. The condition of the oil is suitable for further service.

ASTM D5185m

ASTM D445

*ASTM D7414 >25

ASTM D2896 9.8

15.6

Molybdenum

Manganese

Magnesium

Phosphorus

Calcium

Zinc

Sulfur

Oxidation

Base Number (BN)

Visc @ 100°C

ppm

ppm

ppm

ppm

ppm

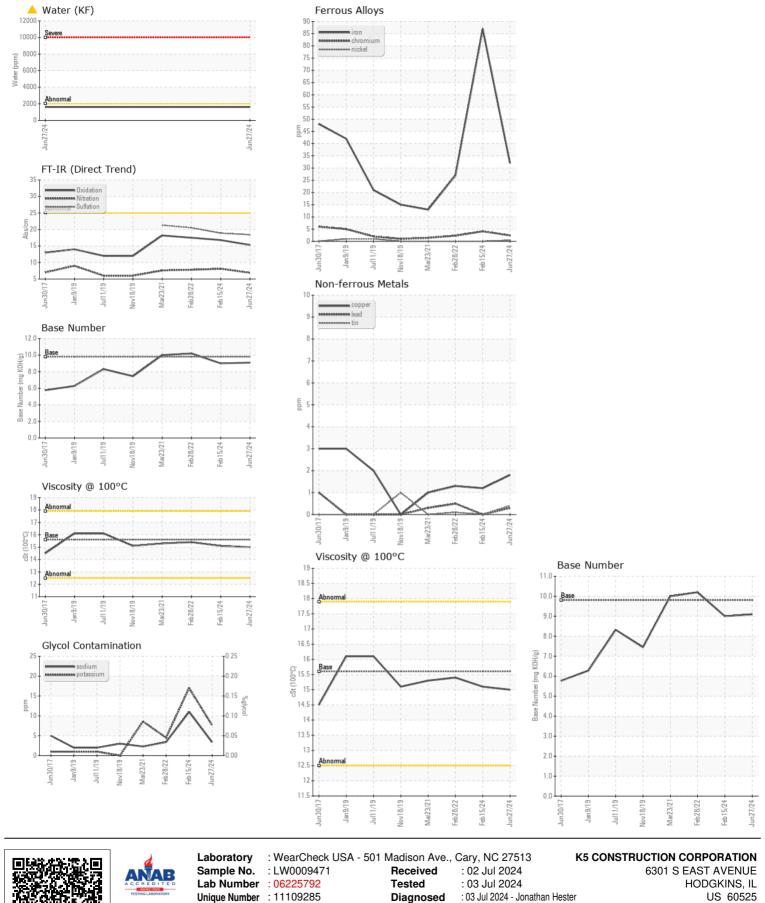
ppm

ppm

Abs/.1mm

mg KOH/g

cSt



Test Package : FLEET (Additional Tests: Glycol, KF) Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. * - 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)

F: Submitted By: NOELLE TERRAULT

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