

OIL ANALYSIS REPORT

Sample Rating Trend

ISO



P-316 Component

Pump Fluid MOBIL SHC 626 (--- GAL)

DIAGNOSIS

A Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is a high amount of particulates present in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORMATION method limit/base current history1 Sample Number Client Info USP0008192 USP243057 Sample Date Client Info 22 Mar 2024 12 Jun 2023 Machine Age hrs Client Info 0 0 Oil Age hrs Client Info 0 0 Oil Changed Client Info N/A N/A Sample Status Imathod Imit/base current history1 Vecar METALS method Imit/base current history1 Iron ppm ASTM D5185m >75 0 <1 Chromium ppm ASTM D5185m >5 <1 0 Nickel ppm ASTM D5185m 0 0 0 Silver ppm ASTM D5185m >10 0 0 Aluminum ppm ASTM D5185m 0 0 0 Lead ppm ASTM D5185m 0 0 0 <t< th=""><th>history2</th></t<>	history2
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Silicon ppm ASTM D5185m >20 3 <1	
Sodium ppm ASTM D5185m 0 <1	
Potassium ppm ASTM D5185m >20 0 1	
Water % ASTM D6304 >.1 0.003 0.004	
ppm Water ppm ASTM D6304 >1000 32 43.9	
FLUID CLEANLINESS method limit/base current history1	history2
Particles >4μm ASTM D7647 >5000 ▲ 14827 3630	
Particles >6μm ASTM D7647 >1300 🔺 3056 249	
Particles >14μm ASTM D7647 >160 ▲ 224 13	
Particles >21µm ASTM D7647 >40 4 63 3	
Particles >38μm ASTM D7647 >10 5 1	
Particles >71µm ASTM D7647 >3 1 0	
Oil Cleanliness ISO 4406 (c) >19/17/14 🔺 21/19/15 19/15/11	
Oil Cleanliness ISO 4406 (c) >19/17/14 21/19/15 19/15/11 FLUID DEGRADATION method limit/base current history1	



OIL ANALYSIS REPORT

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method

ASTM D445

method

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scalar *Visual

limit/base

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NORML

limit/base

limit/base

491,52

122,88 30.72 7 68

1.92

480

120

31

(B)))))

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ੂੰ 0.20

Acid

: 03 Apr 2024 - Doug Bogart

0.10

0.00

5

(per 1 ml) Mar22/24

1/2/17/17/

Mar22/24

:01 Apr 2024

: 02 Apr 2024

>.1

69.9

current

NONE

NONE

NONE

NONE

NONE

NONE

NORML

NORML

curren

current

Particle Count

Acid Number

NEG

NEG

69.4

history1

NONE

NONE

NONE

NONE

LIGHT

NONE

NORML

NORML

history

history1

NFG

NEG

67.9

history2

history2

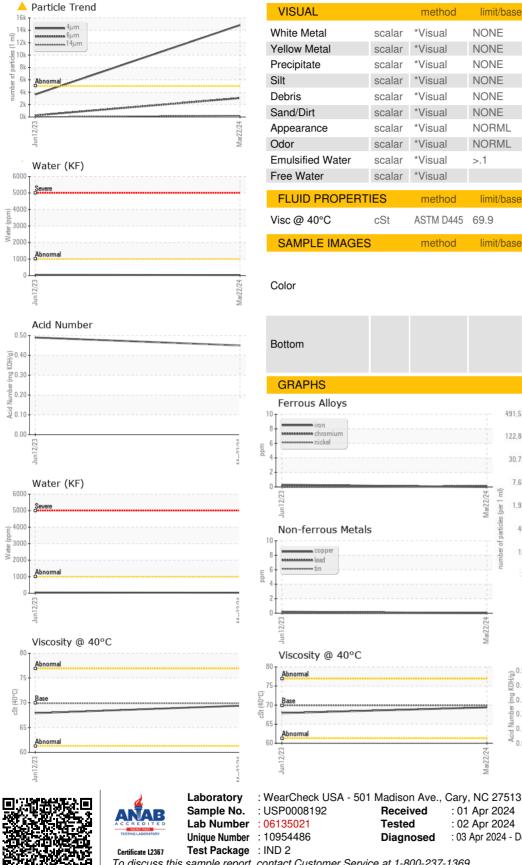
history2

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4406

:1999 Cle



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)

Received

Diagnosed

Tested

21µ

38,4

POET BIOPROCESSING

Contact: Service Manager

3638 FIR AVE

US 50444

Page 2 of 2

HANLONTOWN, IA