

## **OIL ANALYSIS REPORT**



### Area [185117-N2STV4W] **EXT 11** Gearbox Fluid MOBIL SHC 634 (3 GAL)

**Darke**r

#### DIAGNOSIS

#### Recommendation

Resample at the next service interval to monitor.

#### Wear

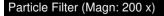
All component wear rates are normal.

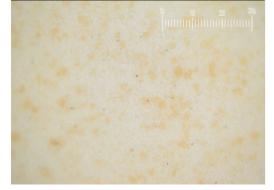
#### Contamination

There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

#### Fluid Condition

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





Report Id: TREPAS [WUSCAR] 06180136 (Generated: 05/18/2024 14:29:37) Rev: 1

SAMPLE INFORMATION method PH06180136 Sample Number **Client Info** Sample Date Client Info 08 May 2024 0 Machine Age hrs **Client Info** Oil Age hrs Client Info 0 Oil Changed N/A **Client Info** NORMAL Sample Status CONTAMINATION >0.2 NEG Water WC Method WEAR METALS ASTM D5185m >200 ء1 Iron ppm Chromium ASTM D5185m >15 <1 ppm Nickel ppm ASTM D5185m >15 <1 Titanium ASTM D5185m <1 ppm Silver ppm ASTM D5185m <1 Aluminum ppm ASTM D5185m >25 2 Lead ASTM D5185m >100 <1 ppm >200 <1 Copper ppm ASTM D5185m Tin ASTM D5185m >25 <1 ppm Vanadium ppm ASTM D5185m <1 Cadmium ppm ASTM D5185m <1 0 Boron ASTM D5185m ppm Barium ppm ASTM D5185m 0 Molvbdenum ASTM D5185m <1 ppm 0 Manganese ppm ASTM D5185m Magnesium ASTM D5185m <1 ppm Calcium ASTM D5185m ppm 1 Phosphorus ASTM D5185m 475 ppm Zinc ppm ASTM D5185m 0 Sulfur ASTM D5185m 0 ppm Silicon ppm ASTM D5185m >50 21 Sodium ASTM D5185m 0 ppm Potassium ASTM D5185m >20 1 ppm FLUID CLEANLINESS ASTM D7647 >20000 11188 Particles >4µm Particles >6µm ASTM D7647 >5000 1738 51 Particles >14µm ASTM D7647 >640 Particles >21µm ASTM D7647 >160 7 Particles >38µm ASTM D7647 >40 0 Particles >71µm ASTM D7647 >10 0 21/18/13 **Oil Cleanliness** ISO 4406 (c) >21/19/16 FLUID DEGRADATION

Acid Number (AN) mg KOH/g ASTM D8045

0.68 Contact/Location: DARRYL DRUM - TREPAS



491.520 122.88

Ê 30,720

number of particles (per 1

7,68

1.920 480

120

30

8

25 Ê 20

) sal 15k 10k

520

500 480 () 0€ 460 హ్<del>చ</del> 440

25

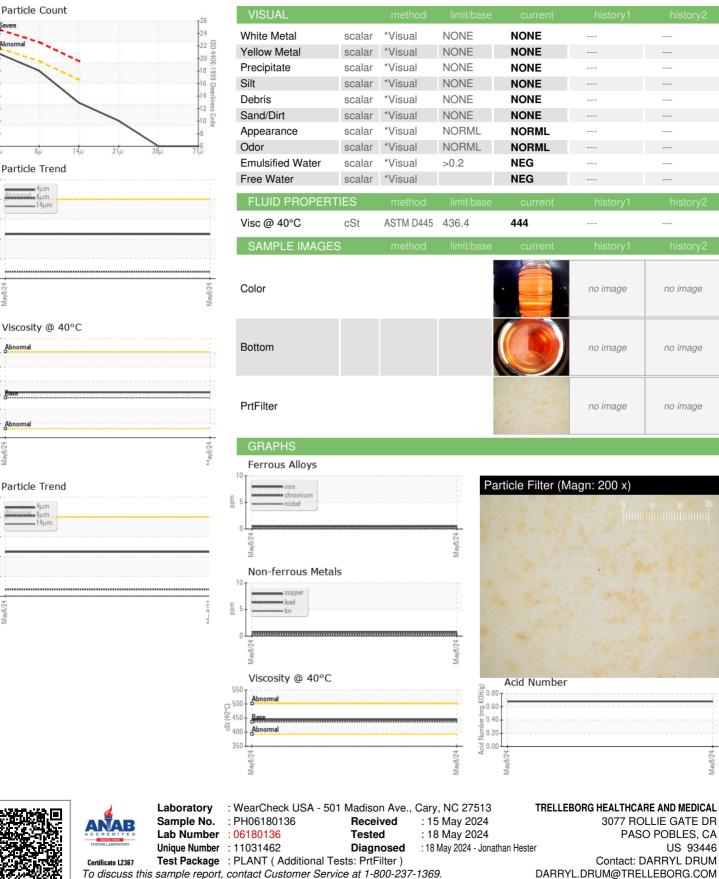
Ê 20 of particles (1 r

5

0 Mav8/74

admin 5 0

# **OIL ANALYSIS REPORT**



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)

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Contact/Location: DARRYL DRUM - TREPAS

E:

US 93446

3077 ROLLIE GATE DR

Contact: DARRYL DRUM

PASO POBLES, CA

T: (805)239-4284

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no imade

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