

OIL ANALYSIS REPORT

Sample Number

Sample Date

Machine Age

Oil Changed

Sample Status

Oil Age

Iron

Nickel

Silver

Lead

Tin

Copper

Antimony

Vanadium

Cadmium

Boron

Barium

Molvbdenum

Manganese

Magnesium

Phosphorus

Calcium

Zinc

Sulfur

Titanium

Aluminum

Chromium

Area [618586] MARION 8050 DL3124 - DRAG CASE (S/N 23187)

Rear Gearbox Fluid

{not provided} (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample. Please specify the brand, type, and viscosity of the oil on your next sample.

Wear

All component wear rates are normal.

Contamination

The water content is negligible. There is no indication of any contamination in the oil.

Fluid Condition

The condition of the oil is acceptable for the time in service.



| CONTAMINANTS | | method | limit/base | current | history1 | history2 | |
|--------------|-----|-------------|------------|---------|----------|-------------|--|
| Silicon | ppm | ASTM D5185m | >50 | 24 | 33 | 1 75 | |
| Sodium | ppm | ASTM D5185m | | 2 | 2 | 2 | |
| Potassium | ppm | ASTM D5185m | >20 | 4 | 0 | 7 | |
| Water | % | ASTM D6304 | >0.2 | 0.170 | | | |
| ppm Water | ppm | ASTM D6304 | >2000 | 1700 | | | |

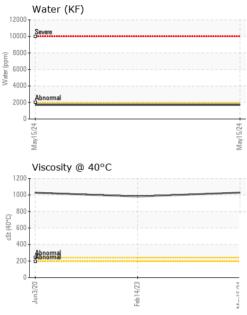
| VISUAL | | method | limit/base | current | history1 | history2 |
|------------------|--------|---------|------------|---------|----------|----------|
| White Metal | scalar | *Visual | NONE | NONE | MODER | MODER |
| Yellow Metal | scalar | *Visual | NONE | NONE | NONE | NONE |
| Precipitate | scalar | *Visual | NONE | NONE | NONE | NONE |
| Silt | scalar | *Visual | NONE | NONE | NONE | NONE |
| Debris | scalar | *Visual | NONE | NONE | NONE | NONE |
| Sand/Dirt | scalar | *Visual | NONE | NONE | NONE | NONE |
| Appearance | scalar | *Visual | NORML | NORML | NORML | NORML |
| Odor | scalar | *Visual | NORML | NORML | NORML | NORML |
| Emulsified Water | scalar | *Visual | >0.2 | 0.2% | NEG | NEG |
| Free Water | scalar | *Visual | | NEG | NEG | NEG |

Report Id: WESCOLMT [WUSCAR] 06207012 (Generated: 06/17/2024 10:37:14) Hev: 1

Contact/Location: HUSS ANZALONE - WESCOLMT



OIL ANALYSIS REPORT



| | FLUID PROPE | RTIES | method | limit/base | current | history1 | history |
|------------------------------|--------------------------------------|----------|-----------|----------------------------------|----------|----------|------------------|
| Vi | sc @ 40°C | cSt | ASTM D445 | | 1029. | 982 | 1028 |
| | SAMPLE IMAG | ES | method | limit/base | current | history1 | history |
| • | | | | | | | |
| از | olor | | | | no image | no image | no image |
| _ | | | | | | | |
| B | ottom | | | | no image | no image | no image |
| | GRAPHS | | | | | | |
| I T | Ferrous Alloys | | | | | | |
| 350 - 300 - | iron chromium nickel | | | | | | |
| 250 | | | | | | | |
| 툡 200 - | | | | | | | |
| 150 - 100 - | | | | | | | |
| 50- | | | | / | | | |
| οL | Jun3/20 | 1/23 | | 5/24 | | | |
| | | Feb14/23 | | May15/24 | | | |
| ¹¹⁰ T | Non-ferrous Me | tals | | | | | |
| 100 - 90 - | copper lead | | | | | | |
| 80 70 | | | | | | | |
| 60 50 | | | | | | | |
| 40 | | | | | | | |
| 30 - 20 - | | | | | | | |
| 10 0 | | | | | | | |
| | Jun3/20 | Feb14/23 | | May15/24 | | | |
| , | Viscosity @ 40° | | | 2 | | | |
| 1100 1000 | | 1 | | | | | |
| 900 - | | | | | | | |
| 800- | | | | | | | |
| E 600- | | | | | | | |
| ³⁵ 500 - 400 - | | | | | | | |
| 300- | Abnormal Abnormal | | | | | | |
| 200 100 | | | | | | | |
| | Jun3/20 | Feb14/23 | | May15/24 | | | |
| | - | 10 10 | | Ma | | | |
| : BR | arCheck USA - ! 1006991 207012 | | eived :11 | NC 27513 Jun 2024 Jun 2024 | | WEST | WESTMORELAND ROS |
| |)74473 | | | Jun 2024 - W | es Davis | | ` |

Unique Number : ay Test Package : IND 1 (Additional Tests: KF) Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. CANZALONE@WESTMORELAND.COM * - 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)

Contact/Location: RUSS ANZALONE - WESCOLMT

T:

F:

Contact: RUSS ANZALONE