

OIL ANALYSIS REPORT

I^{fea} [603803563 SDR] Machine Id CRMB TRASH CONDINSATE (S/N 20059135)

Gearbox

GEAR OIL ISO 220 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

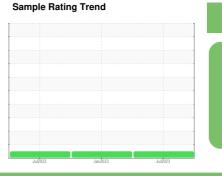
All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

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





NORMAL

SAMPLE INFORMATION method WC0605534 WC0605190 WC0605216 Sample Number **Client Info** 22 Jul 2023 30 Jul 2022 Sample Date Client Info 21 Jan 2023 0 0 Machine Age hrs Client Info 0 Oil Age hrs Client Info 0 0 0 Oil Changed Changed **Client Info** Changed Changed Sample Status NORMAL NORMAL NORMAL WEAR METALS 2 >200 0 6 Iron ppm ASTM D5185m Chromium ASTM D5185m >15 0 0 0 ppm Nickel ppm ASTM D5185m >15 0 <1 0 Titanium ASTM D5185m 0 0 0 ppm 0 Silver ppm ASTM D5185m 0 0 Aluminum ASTM D5185m >25 2 1 ppm <1 Lead ASTM D5185m >100 0 0 ppm <1 ASTM D5185m 0 >200 <1 Copper ppm <1 Tin ppm ASTM D5185m >25 0 0 0 Vanadium ASTM D5185m 0 0 0 ppm Cadmium ppm ASTM D5185m 0 0 0 0 0 50 0 Boron ppm ASTM D5185m Barium ppm ASTM D5185m 15 0 0 0 0 0 Molybdenum 15 0 ppm ASTM D5185m 0 0 0 Manganese ppm ASTM D5185m 50 ASTM D5185m 0 Magnesium ppm <1 <1 0 2 Calcium ASTM D5185m 50 <1 ppm Phosphorus ppm ASTM D5185m 350 204 220 221 Zinc ASTM D5185m 100 0 44 47 ppm Sulfur ASTM D5185m 12500 2285 2325 1860 ppm CONTAMINANTS Silicon ASTM D5185m >50 2 1 1 ppm 0 Sodium ppm ASTM D5185m 0 0 ASTM D5185m Potassium >20 3 0 <1 ppm FLUID DEGRADATION Acid Number (AN) mg KOH/g ASTM D8045 0.85 0.84 0.67 0.72 VISUAL NONE White Metal *Visual NONE NONE NONE scalar Yellow Metal NONE NONE NONE NONE scalar *Visual NONE *Visual NONE NONE Precipitate scalar NONE Silt scalar *Visual NONE NONE NONE NONE Debris NONE NONE scalar *Visua NONE NONE

Sand/Dirt

Odor

Appearance

Free Water

Emulsified Water

scalar

scalar

scalar

scalar

*Visual

*Visual

*Visual

*Visual

scalar *Visual

NONE

NORML

NORML

>0.2

NONE

NORML

NORML

NEG

NEG

Contact/Location: TONY FIORE - MARSCHI

NONE

NORML

NORML

NEG

NEG

NONE

NORML

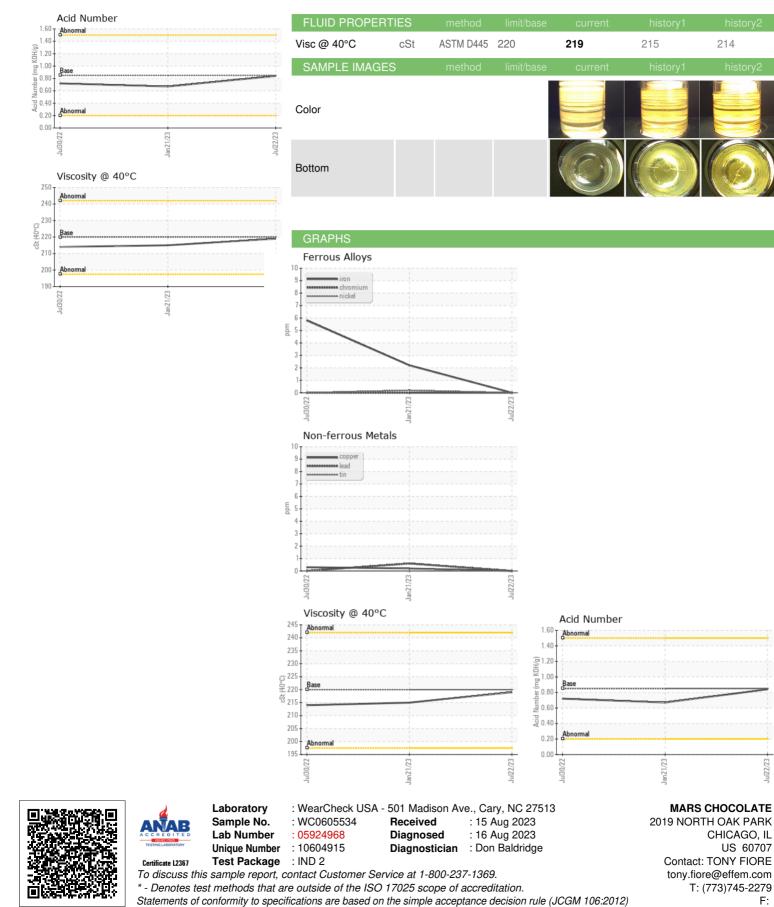
NORML

NEG

NEG



OIL ANALYSIS REPORT



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