

OIL ANALYSIS REPORT

Area [603681485 SDR] Machine Id COCOA BUTTER STGE TRANSFER PMP (S/N 20072504)

Gearbox

GEAR OIL (PAG) ISO 150 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

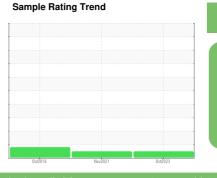
All component wear rates are normal.

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

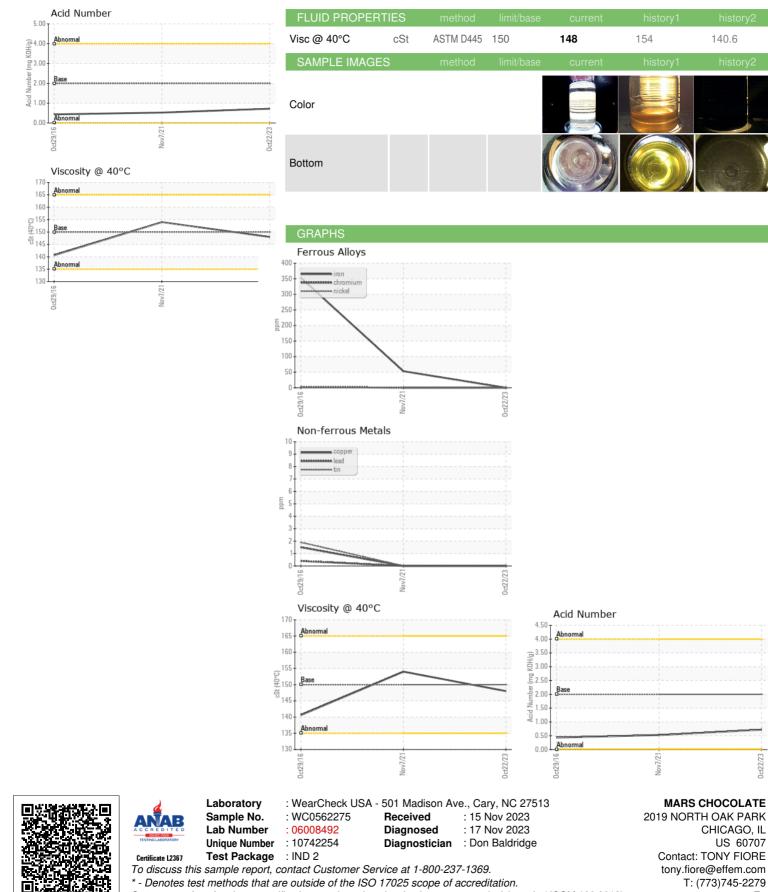
SAMPLE INFORMATION method WC0562275 WC0562391 WCI2306222 Sample Number **Client Info** 22 Oct 2023 07 Nov 2021 29 Oct 2016 Sample Date Client Info 0 Machine Age mls Client Info 0 0 Oil Age mls Client Info 0 0 0 Oil Changed Changed **Client Info** Changed Changed Sample Status NORMAL NORMAL ABNORMAL WEAR METALS >200 0 53 ▲ 353 Iron ppm ASTM D5185m Chromium ASTM D5185m >15 0 0 3 ppm Nickel ppm ASTM D5185m >15 0 0 <1 Titanium ASTM D5185m 0 0 <1 ppm 0 0 Silver ppm ASTM D5185m 0 Aluminum ASTM D5185m >25 0 0 4 ppm Lead ASTM D5185m >100 0 0 <1 ppm 0 0 2 >200 Copper ppm ASTM D5185m Tin ppm ASTM D5185m >25 0 0 2 ASTM D5185m >5 0 0 Antimony ppm ____ Vanadium ppm ASTM D5185m 0 0 0 ASTM D5185m 0 0 0 Cadmium ppm Boron ppm ASTM D5185m 5 0 0 <1 ASTM D5185m 5 0 2 0 Barium ppm Molvhdenum ACTM DE10Em 5 n nnn N

Molybdenum	ppm	ASTM D5185m	5	U	0	0
Manganese	ppm	ASTM D5185m		0	0	4
Magnesium	ppm	ASTM D5185m	5	1	0	<1
Calcium	ppm	ASTM D5185m	5	<1	0	7
Phosphorus	ppm	ASTM D5185m	775	126	286	242
Zinc	ppm	ASTM D5185m	5	0	7	86
Sulfur	ppm	ASTM D5185m	2000	1821	1332	3222
Sulfur CONTAMINANTS		ASTM D5185m method	2000 limit/base	1821 current	1332 history1	3222 history2
			limit/base			
CONTAMINANTS	5	method	limit/base	current	history1	history2

FLUID DEGRADATION ASTM D8045 2.00 0.526 0.434 Acid Number (AN) mg KOH/g 0.72 White Metal *Visual NONE NONE VLITE MODER scalar Yellow Metal NONE NONE NONE scalar *Visual NONE Precipitate scalar *Visual NONE NONE NONE NONE Silt *Visual scalar NONE NONE NONE NONE Debris scalar *Visua NONE NONE VLITE NONE Sand/Dirt *Visual NONE NONE NONE NONE scalar *Visual NORML NORML Appearance scalar NORML NORML NORML NORML Odor scalar *Visual NORML NORML **Emulsified Water** scalar *Visual >0.2 NEG NEG NEG tionNECNY FIORE NEGRSCHI scalar *Visual NEG



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Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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