

OIL ANALYSIS REPORT

0 "

Area [604094591 SR] Machine Id CONCHE 3 MD (S/N 20060479) Component

Gearbox

GEAR OIL ISO 460 (--- 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 component.

Fluid Condition

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



Sample Rating Trend



NORMAL

SAMPLE INFORMATION method WC0854362 WC0562258 WC0605507 Client Info Sample Number Client Info 13 Oct 2023 28 Jul 2023 27 Apr 2023 Sample Date 0 0 0 Machine Age mls **Client Info** Oil Age mls Client Info 0 0 0 Oil Changed **Client Info** Not Changd Not Changd Not Changd NORMAL Sample Status ATTENTION ATTENTION WEAR METALS ASTM D5185m >200 14 17 19 Iron ppm Chromium ppm ASTM D5185m >15 0 0 <1 Nickel ppm ASTM D5185m >15 0 0 0 ASTM D5185m Titanium 0 0 0 ppm 0 Silver ppm ASTM D5185m 0 0 Aluminum ASTM D5185m >25 2 ppm <1 <1 Lead ASTM D5185m >100 0 0 0 ppm >200 0 Copper ASTM D5185m ppm <1 <1 0 Tin ppm ASTM D5185m >25 0 0 Vanadium ASTM D5185m 0 0 0 ppm Cadmium ppm ASTM D5185m 0 0 0 0 0 0 ASTM D5185m 50 Boron ppm Barium ppm ASTM D5185m 15 <1 0 0 0 0 Molybdenum ASTM D5185m 15 0 ppm 0 0 Manganese ppm ASTM D5185m <1 50 5 6 Magnesium ASTM D5185m 10 ppm 1023 1038 1254 Calcium ppm ASTM D5185m 50 Phosphorus ppm ASTM D5185m 350 194 190 197 Zinc ASTM D5185m 100 230 ▲ 225 283 ppm 12500 A 2299 Sulfur ASTM D5185m 2136 ppm 2153 Silicon ASTM D5185m >50 6 6 8 ppm

Sodium	ppm	ASTM D5185m		7	5	6
Potassium	ppm	ASTM D5185m	>20	0	<1	2
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.85	0.66	0.67	0.69
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
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	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
9:42:13) Rev: 1				Contact/Location: TONY FIORE - MARSCHI		

AOTH DELOF

Contact/Location: TONY FIORE - MARSCHI



²उँ 450

400

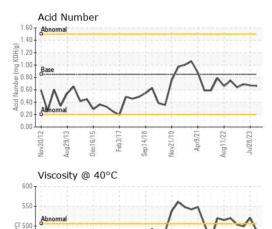
350

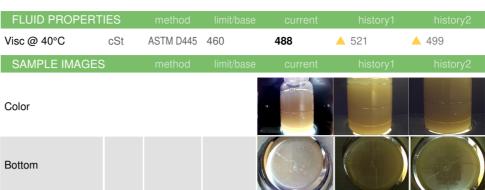
Vov30/12

192nut

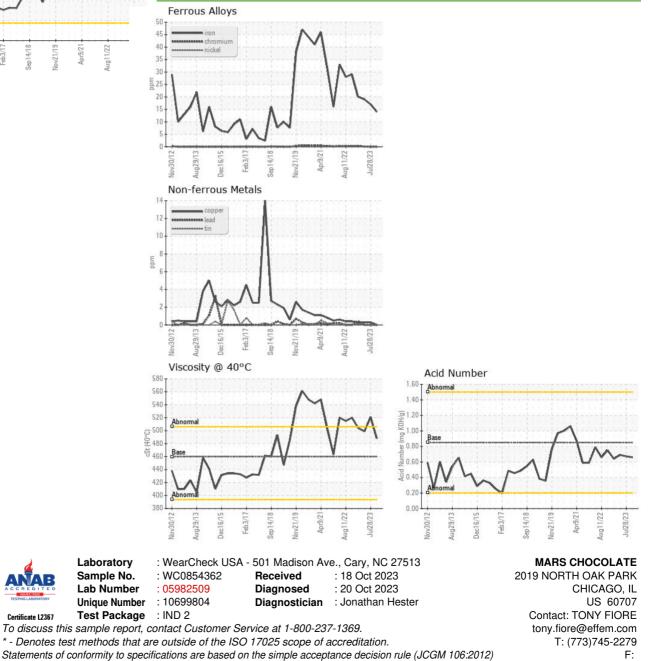
Dec16/15 Feh3/17

OIL ANALYSIS REPORT









Report Id: MARSCHI [WUSCAR] 05982509 (Generated: 10/22/2023 19:42:13) Rev: 1

Contact/Location: TONY FIORE - MARSCHI