

OIL ANALYSIS REPORT

[604116016 SR] CRMB PASTE EXTRUDER (S/N 20058789) Component

Gearbox

Fluid GEAR OIL ISO 220 (--- GAL)

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 Rating Trend

SAMPLE INFORM			limit/le e ere		bietew 4	biete - O
		method	limit/base		history1	history2
Sample Number		Client Info		WC0854367	WC0562265	WC0605734
Sample Date		Client Info		06 Oct 2023	10 Aug 2023	02 Jun 2023
Machine Age	mls	Client Info		0	0	0
Oil Age	mls	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	0	4	2
Chromium	ppm	ASTM D5185m	>15	0	0	<1
Nickel	ppm	ASTM D5185m	>15	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	0	<1	0
Lead	ppm	ASTM D5185m	>100	0	0	0
Copper	ppm		>200	0	0	4
Tin	ppm	ASTM D5185m	>25	0	0	<1
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	50	0	0	0
Barium	ppm	ASTM D5185m	15	<1	0	0
Molybdenum	ppm	ASTM D5185m	15	0	0	0
Manganese	ppm	ASTM D5185m	15	0	0	<1
Magnesium		ASTM D5185m	50	4	0	0
Calcium	ppm ppm	ASTM D5185m	50	2	11	0
Phosphorus		ASTM D5185m	350	2 195	179	475
Zinc	ppm			195	0	0
Sulfur	ppm ppm	ASTM D5185m ASTM D5185m	100 12500	1939	3098	1191
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	4	9	1
Sodium	ppm	ASTM D5185m	00	0	0	0
Potassium	ppm	ASTM D5185m	>20	0	<1	<1
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.85	0.80	0.65	0.77
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	LIGHT
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
(12:00) Pov: 1				Contact/Loo	ation: TONV EIC	

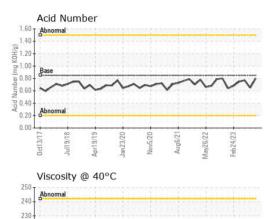
Contact/Location: TONY FIORE - MARSCHI



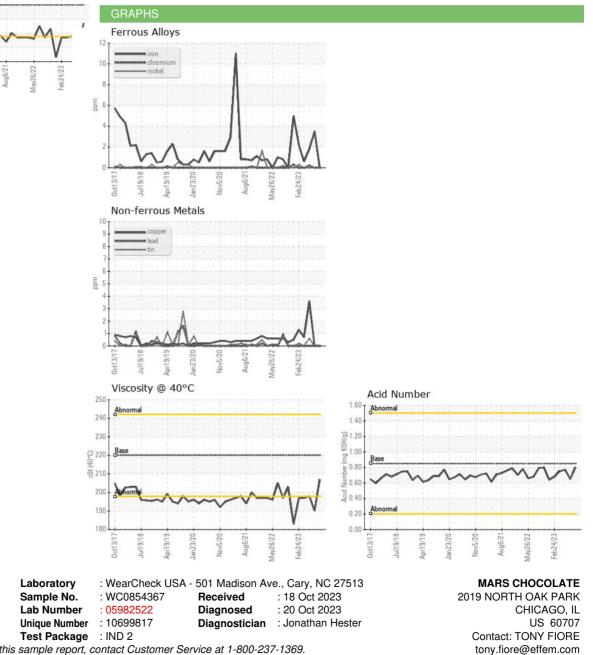
()-02 220 25 210 Ba

In

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)

Certificate L2367

Contact/Location: TONY FIORE - MARSCHI

F:

T: (773)745-2279