

OIL ANALYSIS REPORT

Area Preparation-Prep CBL MILL [Preparation-Prep CBL MILL] 360006002 - CBL MILL BULL GEAR RIGHT Component Right Gearbox

Fluid SHELL OMALA S2 G 680 (18 LTR)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

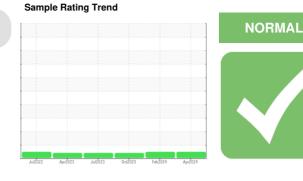
All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

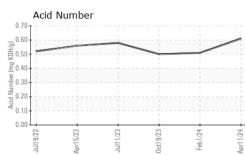
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

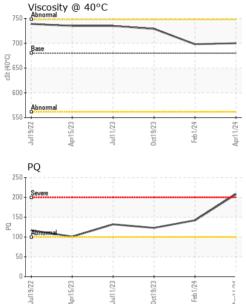


SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		TLC0001758	TLC0001383	TLC0001089
Sample Date		Client Info		11 Apr 2024	01 Feb 2024	19 Oct 2023
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	ABNORMAL
CONTAMINATION	۷	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184		208	142	123
Iron	ppm	ASTM D5185m	>200	162	121	142
Chromium	ppm	ASTM D5185m	>15	0	0	<1
Nickel	ppm	ASTM D5185m	>15	<1	0	<1
Titanium	ppm	ASTM D5185m		<1	0	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	1	<1	2
Lead	ppm	ASTM D5185m	>100	0	<1	0
Copper	ppm	ASTM D5185m	>200	1	0	<1
Tin	ppm	ASTM D5185m	>25	<1	0	0
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		0	0	0
Barium	ppm	ASTM D5185m		0	0	19
Molybdenum	ppm	ASTM D5185m		<1	0	<1
Manganese	ppm	ASTM D5185m		2	2	<1
Magnesium	ppm	ASTM D5185m		2	0	1
Calcium	ppm	ASTM D5185m		140	124	135
Phosphorus	ppm	ASTM D5185m		262	185	270
Zinc	ppm	ASTM D5185m		0	0	13
Sulfur	ppm	ASTM D5185m		11981	9735	10397
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	5	<1	4
Sodium	ppm	ASTM D5185m		12	11	12
Potassium	ppm	ASTM D5185m	>20	5	2	3
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.61	0.51	0.50



OIL ANALYSIS REPORT

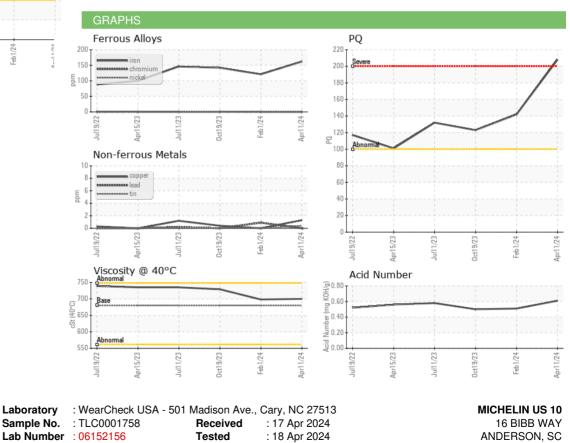




VISUAL		method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE	
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE	
Silt	scalar	*Visual	NONE	NONE	NONE	NONE	
Debris	scalar	*Visual	NONE	NONE	NONE	🔺 MODER	
Sand/Dirt	scalar	*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	
FLUID PROPERT	IES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	680	700	698	729	
SAMPLE IMAGES	5	method	limit/base	current	history1	history2	
Color Color							



Bottom





Unique Number : 10982234 Diagnosed : 22 Apr 2024 - Don Baldridge Test Package : PLANT Contact: TERRICK PRESLEY Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369. terrick.presley@michelin.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)

Report Id: MICAND [WUSCAR] 06152156 (Generated: 04/22/2024 10:04:31) Rev: 1

Submitted By: DUSTY LOLLIS

Page 2 of 2

F:

US 29626

T: (803)761-8053