

RASA 60 IN MTBM 60 IN RASA MTBM Component 4 Gear Motor

{not provided} (--- GAL)

RECOMMENDATION

We advise that you check all areas where dirt can enter the system. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample.

WEAR

Gear wear is indicated.

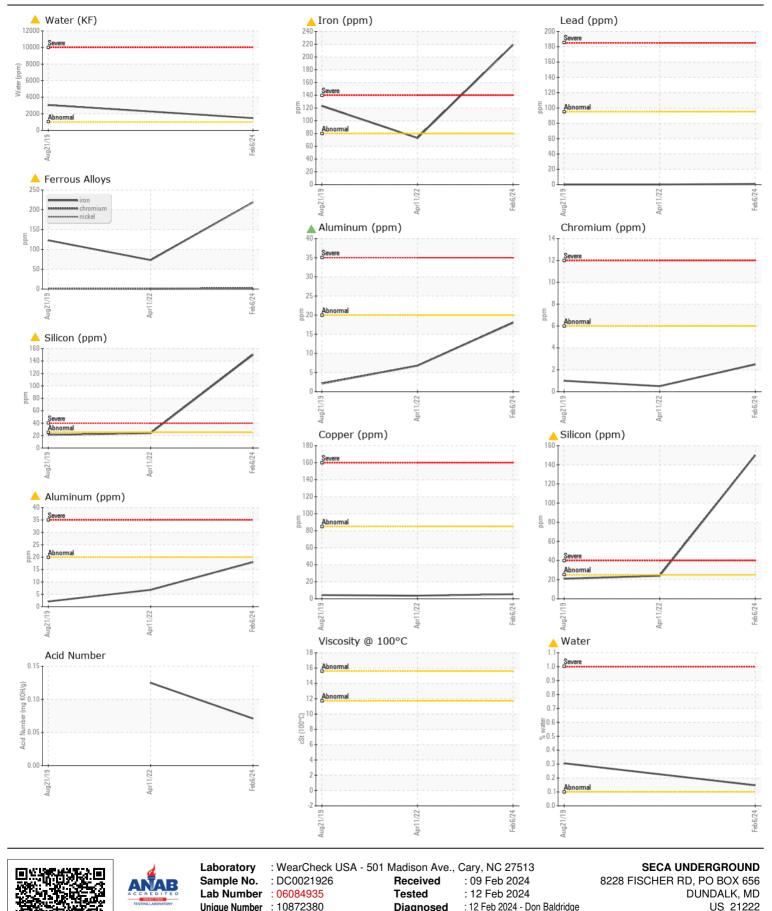
CONTAMINATION

Elemental levels of silicon (Si) and aluminum (Al) indicate aluminasilicate (coarse dirt) ingress. There is a light concentration of water present in the oil. Moderate concentration of visible dirt/debris present in the oil.

FLUID CONDITION

The AN level is acceptable for this fluid.

Test	UOM	Method	Limit/Abn	Cı	urrent	History1	History2
Sample Number		Client Info		DC	C0021926	DC0018400	DC0000654
Sample Date		Client Info		06	Feb 2024	11 Apr 2022	21 Aug 2019
Machine Age	hrs	Client Info		0		0	0
Oil Age	hrs	Client Info		0		0	0
Filter Age	hrs	Client Info		0		0	0
Oil Changed		Client Info		N/	Ά	N/A	Changed
Filter Changed		Client Info		N/	Ά	N/A	Changed
Sample Status				AE	NORMAL	ABNORMAL	ABNORMAL
Iron	ppm	ASTM D5185m	>80		219	73	1 23
Chromium	ppm	ASTM D5185m	>6		2	<1	1
Nickel	ppm	ASTM D5185m	>2		0	0	<1
Titanium	ppm	ASTM D5185m	>2		1	<1	<1
Silver	ppm	ASTM D5185m	>2		0	0	<1
Aluminum	ppm	ASTM D5185m	>20		18	7	2
Lead	ppm	ASTM D5185m	>95		<1	0	0
Copper	ppm	ASTM D5185m	>85		5	4	4
Tin	ppm	ASTM D5185m	>9		<1	0	0
Vanadium	ppm	ASTM D5185m			0	0	0
White Metal	scalar	*Visual	NONE		LIGHT	NONE	VLITE
Yellow Metal	scalar	*Visual	NONE		NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>25		150	24	21
Potassium	ppm	ASTM D5185m	>20		6	2	7
Fuel	ppm	WC Method	>4.0		ہ <1.0	<1.0	<1.0
Water	%	ASTM D6304	>0.1		0.148		▲ 0.306
ppm Water	ppm	ASTM D6304	>1000		1480		▲ 3060
Glycol	ppin	WC Method	21000		NEG	NEG	NEG
Silt	scalar	*Visual	NONE		NONE	NONE	NONE
Debris	scalar	*Visual	NONE		MODER	▲ MODER	LIGHT
Sand/Dirt	scalar	*Visual	NONE		NONE	NONE	NONE
Appearance	scalar	*Visual	NORML		HAZY	NORML	
Odor	scalar	*Visual	NORML		NORML	NORML	NORML
Emulsified Water		*Visual	>0.1		0.2%	NEG	0.2%
	ooului	violat	20.1			NLG	0.270
Sodium	ppm	ASTM D5185m			2	0	<1
Boron	ppm	ASTM D5185m			<1	<1	3
Barium	ppm	ASTM D5185m			0	0	0
Molybdenum	ppm	ASTM D5185m			0	<1	2
Manganese	ppm	ASTM D5185m			2	<1	<1
Magnesium	ppm	ASTM D5185m			2	4	2
Calcium	ppm	ASTM D5185m			68	26	62
Phosphorus	ppm	ASTM D5185m			56	118	106
Zinc	ppm	ASTM D5185m			38	36	48
Sulfur	ppm	ASTM D5185m			12931	13664	10688
Acid Number (AN)	mg KOH/g	ASTM D8045			0.071	0.125	
Visc @ 40°C	cSt	ASTM D445			152	130	146
				-			



: 12 Feb 2024 - Don Baldridge Unique Number : 10872380 Diagnosed Test Package : MOB 2 (Additional Tests: KF, KV40) Contact: SEAN-PAUL WARNICK Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. seanpaul.warnick@seca-tunnel.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)

F:

T: (443)740-1527