

**OIL ANALYSIS REPORT** 

Machine Id

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HANSON							
Component Gearbox							
TRC MOLY ULTRA-TEC GEAR OIL 80W90 (5 0	GAL)						
				L ::-			
<b>RECOMMENDATION</b> No corrective action is recommended at this time. Resample at the next service interval to monitor.	Test	UOM	Method	Limit/Abn	Current	History1	History2
	Sample Number		Client Info		TR06211918	TR06169124	
	Sample Date	bro	Client Info		09 Jun 2024	26 Apr 2024	
	Machine Age	hrs	Client Info Client Info		0	0	
	Oil Age Filter Age	hrs			140 0	51 0	
	Oil Changed	hrs	Client Info Client Info		-	Not Changd	
	-				Not Changd	Ű	
	Filter Changed		Client Info		Not Changd ABNORMAL	Not Changd	
	Sample Status					ABNORMAL	
WEAR	Iron	ppm	ASTM D5185m	>200	<b>A</b> 261	<b>a</b> 201	
Gear wear is indicated. All other component wear rates are normal.	Chromium	ppm	ASTM D5185m	>10	4	2	
	Nickel	ppm	ASTM D5185m	>10	2	0	
	Titanium	ppm	ASTM D5185m		<1	0	
	Silver	ppm	ASTM D5185m		0	0	
	Aluminum	ppm	ASTM D5185m	>25	4	2	
	Lead	ppm	ASTM D5185m	>50	0	0	
	Copper	ppm	ASTM D5185m	>200	2	1	
	Tin	ppm	ASTM D5185m	>10	0	0	
	Vanadium	ppm	ASTM D5185m		0	0	
	White Metal	scalar	*Visual	NONE	NONE	NONE	
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
CONTAMINATION There is no indication of any contamination in the oil.	Silicon	ppm	ASTM D5185m	>50	9	6	
	Potassium	ppm	ASTM D5185m		3	1	
	Water	T. L.	WC Method	>0.2	NEG	NEG	
	Silt	scalar	*Visual	NONE	NONE	NONE	
	Debris	scalar	*Visual	NONE	NONE	NONE	
	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
	Appearance	scalar	*Visual	NORML	NORML	NORML	
	Odor	scalar	*Visual	NORML	NORML	NORML	
	Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	
FLUID CONDITION The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.	Sodium	ppm	ASTM D5185m		5	3	
	Boron	ppm	ASTM D5185m		109	135	
	Barium		ASTM D5185m		0	0	
	Molybdenum	ppm ppm	ASTM D5185m		0	0	
	Manganese	ppm	ASTM D5185m		2	1	
	Magnesium	ppm	ASTM D5185m		4	3	
	Calcium	ppm	ASTM D5185m		-4 13	47	
	Phosphorus	ppm	ASTM D5185m		913	915	
	Zinc	ppm	ASTM D5185m		11	16	
		PP'''					

Sulfur

Acid Number (AN)

Visc @ 40°C

Visc @ 100°C cSt

ppm

Viscosity Index (VI) Scale ASTM D2270 125

cSt

ASTM D5185m

ASTM D445 186

ASTM D445 19.3

mg KOH/g ASTM D8045

23696

2.29

151

16.4

114

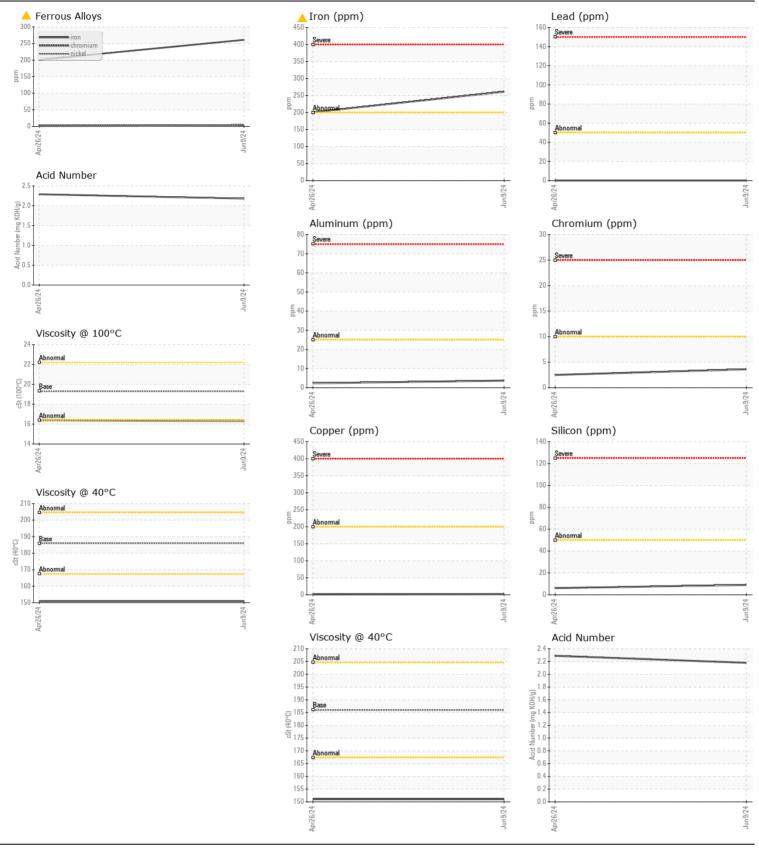
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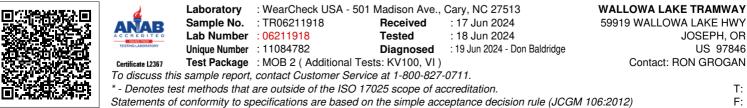
2.18

151

16.3

113





Contact/Location: RON GROGAN - WALJOS Page 2 of 2