

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL

Machine Id **ROSHARON T-1110** Component **Rear Differential** Fluid **GEAR OIL SAE 80W140 (--- GAL)**

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the component make and model with your next sample. Please specify the brand, type, and viscosity of the oil on your next sample.

WEAR

All component wear rates are normal.

CONTAMINATION

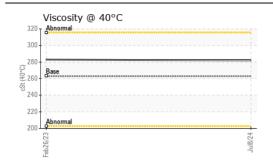
There is no indication of any contamination in the oil.

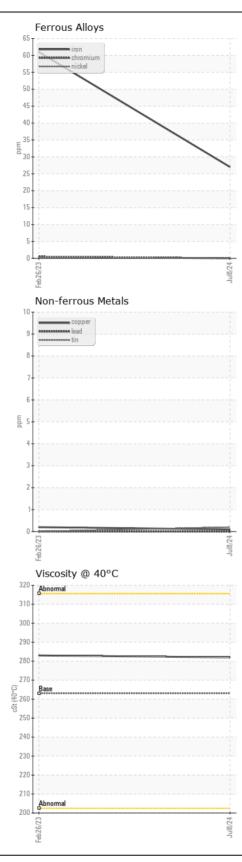
FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0941959	WC0710313	
Sample Date		Client Info		08 Jul 2024	26 Feb 2023	
Machine Age	hrs	Client Info		0	0	
Oil Age	hrs	Client Info		0	0	
Filter Age	hrs	Client Info		0	0	
Oil Changed		Client Info		N/A	N/A	
Filter Changed		Client Info		N/A	N/A	
Sample Status				NORMAL	NORMAL	
			500	07	01	
Iron	ppm	ASTM D5185m	>500	27	61	
Chromium	ppm	ASTM D5185m	>10	0	<1	
Nickel	ppm	ASTM D5185m	>10	0	<1	
Titanium	ppm	ASTM D5185m		0	<1	
Silver	ppm	ASTM D5185m	05	<1	<1	
Aluminum	ppm	ASTM D5185m	>25	0	1	
Lead	ppm	ASTM D5185m	>25	0	0	
Copper	ppm	ASTM D5185m	>100	<1	<1	
Tin	ppm	ASTM D5185m	>10	<1	0	
Vanadium	ppm	ASTM D5185m	NONE	0	0	
White Metal	scalar	*Visual	NONE	NONE	MODER	
Yellow Metal	coalar	*\/icuol				
	scalar	*Visual	NONE	NONE	NONE	
Silicon	ppm	ASTM D5185m	>75	3	4	
Silicon	ppm	ASTM D5185m	>75	3	4	
Silicon Potassium	ppm	ASTM D5185m ASTM D5185m	>75 >20	3 3	4 <1	
Silicon Potassium Water	ppm ppm	ASTM D5185m ASTM D5185m WC Method	>75 >20 >.2	3 3 NEG	4 <1 NEG	
Silicon Potassium Water Silt	ppm ppm scalar	ASTM D5185m ASTM D5185m WC Method *Visual	>75 >20 >.2 NONE	3 3 NEG NONE	4 <1 NEG NONE	
Silicon Potassium Water Silt Debris	ppm ppm scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>75 >20 >.2 NONE NONE	3 3 NEG NONE NONE	4 <1 NEG NONE NONE	
Silicon Potassium Water Silt Debris Sand/Dirt	ppm ppm scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>75 >20 >.2 NONE NONE NONE	3 3 NEG NONE NONE NONE	4 <1 NEG NONE NONE NONE	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance	ppm ppm scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual	>75 >20 >.2 NONE NONE NONE NORML	3 3 NEG NONE NONE NONE NORML	4 <1 NEG NONE NONE NONE NORML	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm ppm scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual	>75 >20 >.2 NONE NONE NONE NORML NORML	3 NEG NONE NONE NONE NORML NORML NEG	4 <1 NEG NONE NONE NONE NORML NORML NEG	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	ppm ppm scalar scalar scalar scalar scalar scalar ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>75 >20 >.2 NONE NONE NORML NORML >.2	3 NEG NONE NONE NORML NORML NEG 3	4 <1 NEG NONE NONE NORML NORML NEG 2	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm ppm scalar scalar scalar scalar scalar scalar ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>75 >20 >.2 NONE NONE NORML >.2	3 NEG NONE NONE NORML NORML NEG 3 228	4 <1 NEG NONE NONE NORML NORML NEG 2 275	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>75 >20 >.2 NONE NONE NORML NORML >.2	3 NEG NONE NONE NORML NORML NEG 3 228 0	4 <1 NEG NONE NONE NORML NORML NORML NEG 2 275 2	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	>75 >20 >.2 NONE NONE NORML >.2	3 NEG NONE NONE NORML NORML NEG 3 228 0 0	4 <1 NEG NONE NONE NORML NORML NEG 2 275 2 2 <1	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>75 >20 >.2 NONE NORME NORML >.2 400 200 12	3 NEG NONE NONE NORML NORML NEG 3 228 0 0 2	4 <1 NEG NONE NONE NORML NORML NEG 2 275 2 275 2 (1)	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>75 >20 >.2 NONE NONE NORML >.2 400 200 12	3 NEG NONE NONE NORML NORML NEG 3 228 0 0 21 4	4 <1 NEG NONE NONE NORML NORML NEG 2 275 2 <1 1 3	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>75 >20 >.2 NONE NONE NORML NORML >.2 400 200 12 12	3 NEG NONE NONE NORML NORML NEG 3 228 0 0 21 4 74	4 <1 NEG NONE NONE NORML NORML NEG 2 275 2 275 2 <1 1 3 79	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>75 >20 >.2 NONE NORM NORML >.2 400 200 12 12 12 150 1650	3 NEG NONE NONE NORML NORML NEG 3 228 0 228 0 <1 4 74	4 <1 NEG NONE NONE NORML NORML NEG 2 275 2 275 2 4 1 3 79 934	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>75 >20 >.2 NONE NONE NORML >.2 400 200 12 12 12 150 1650 125	3 NEG NONE NONE NORE NORML NEG 3 228 0 228 0 0 <1 4 74 1026 35	4 <1 NEG NONE NONE NORML NORML NEG 2 275 2 275 2 4 1 3 79 934 42	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>75 >20 >.2 NONE NORM NORML >.2 400 200 12 12 12 150 1650	3 NEG NONE NONE NORML NORML NEG 3 228 0 228 0 <1 4 74	4 <1 NEG NONE NONE NORML NORML NEG 2 275 2 275 2 4 1 3 79 934	

Contact/Location: NOEL GARZA - SIDFRI







Sample No. : WC0941959 Received 4401 REX RD : 09 Jul 2024 Lab Number : 06231803 Tested FRIENDSWOOD, TX : 10 Jul 2024 Unique Number : 11115296 Diagnosed : 10 Jul 2024 - Wes Davis US 77546 Test Package : CONST Contact: NOEL GARZA Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. ngarza@siddons-martin.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Т: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F:

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

Laboratory

Contact/Location: NOEL GARZA - SIDFRI Page 2 of 2

SIDDONS-MARTIN EMERGENCY GROUP