

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL

Machine Id LIVERPOOL E1503 Component Transfer Case Fluid {not provided} (--- QTS)

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

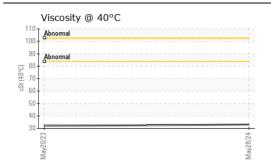
There is no indication of any contamination in the oil.

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		WC0941893	WC0710285	
Sample Date		Client Info		28 May 2024	20 May 2023	
Machine Age	mls	Client Info		0	0	
Oil Age	mls	Client Info		0	0	
Filter Age	mls	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	<u>^</u>	10	
Iron	ppm	ASTM D5185m	>500	6	10	
Chromium	ppm	ASTM D5185m	>5	<1	0	
Nickel	ppm	ASTM D5185m	>5	0	0	
Titanium	ppm	ASTM D5185m		0	0	
Silver	ppm	ASTM D5185m	. 45	0	0	
Aluminum	ppm	ASTM D5185m	>45	0	3	
Lead	ppm	ASTM D5185m	>150	0	0	
Copper	ppm	ASTM D5185m	>100	0	0	
Tin	ppm	ASTM D5185m	>5	0	0	
Vanadium	ppm	ASTM D5185m	NONE	0	0	
White Metal	scalar	*Visual	NONE	NONE	NONE	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Silicon	ppm	ASTM D5185m	>85	12	19	
Potassium	ppm	ASTM D5185m	>20	<1	2	
Water		WC Method	>0.2	NEG	NEG	
Silt	scalar	*Visual	NONE	NONE	NONE	
Debris	scalar	*Visual	NONE	NONE	NONE	
Sand/Dirt	agalar			NONE	NONE	
	scalar	*Visual	NONE	NONE	NONE	
Appearance	scalar	*Visual *Visual	NONE NORML	-	-	
Appearance Odor			-	NONE	NONE	
	scalar	*Visual	NORML	NONE NORML	NONE	
Odor Emulsified Water	scalar scalar scalar	*Visual *Visual *Visual	NORML	NONE NORML NORML NEG	NONE NORML NORML NEG	
Odor Emulsified Water Sodium	scalar scalar scalar ppm	*Visual *Visual *Visual ASTM D5185m	NORML	NONE NORML NORML NEG	NONE NORML NORML NEG 2	
Odor Emulsified Water Sodium Boron	scalar scalar scalar ppm ppm	*Visual *Visual *Visual ASTM D5185m ASTM D5185m	NORML	NONE NORML NORML NEG <1 28	NONE NORML NORML NEG 2 62	
Odor Emulsified Water Sodium Boron Barium	scalar scalar scalar ppm ppm ppm	*Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	NORML	NONE NORML NORML NEG <1 28 0	NONE NORML NEG 2 62 0	
Odor Emulsified Water Sodium Boron Barium Molybdenum	scalar scalar scalar ppm ppm ppm	*Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NORML	NONE NORML NEG <1 28 0 0	NONE NORML NEG 2 62 0 0	
Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	scalar scalar scalar ppm ppm ppm ppm	*Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NORML	NONE NORML NEG <1 28 0 0 <1	NONE NORML NORML NEG 2 62 0 0 0 0	
Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	scalar scalar ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NORML	NONE NORML NORML NEG <1 28 0 0 0 <1 5	NONE NORML NEG 2 62 0 0 0 0 0 2	
Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	scalar scalar ppm ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NORML	NONE NORML NEG <1 28 0 0 <1 5 202	NONE NORML NEG 2 62 0 0 0 0 0 2 264	
Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	scalar scalar ppm ppm ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NORML	NONE NORML NEG <1 28 0 28 0 0 <1 5 202 147	NONE NORML NEG 2 62 0 0 0 0 0 2 264 190	
Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	scalar scalar ppm ppm ppm ppm ppm ppm ppm ppm	*Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NORML	NONE NORML NORML NEG <1 28 0 0 <1 5 202 147 10	NONE NORML NORML 2 62 0 0 0 0 0 2 264 190 0	
Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	scalar scalar ppm ppm ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NORML	NONE NORML NEG <1 28 0 28 0 0 <1 5 202 147	NONE NORML NEG 2 62 0 0 0 0 0 2 264 190	

Contact/Location: M. LEWIS - SIDFRI



Ferrous Alloys 10 mqq 0 Non-ferrous Metals 10 lead mdo Viscosity @ 40°C 105 Abnorma 100 95 90 8! 80 75 cSt (40°C) 70 65 60 55 50 45 40 35 30 Mav28/24 Mav20/2;



: WearCheck USA - 501 Madison Ave., Cary, NC 27513 SIDDONS-MARTIN EMERGENCY GROUP Laboratory Sample No. : WC0941893 Received : 29 May 2024 4401 REX RD FRIENDSWOOD, TX Lab Number : 06194437 Tested : 31 May 2024 Unique Number : 11056560 Diagnosed : 31 May 2024 - Wes Davis US 77546 Test Package : CONST Contact: M. LEWIS mlewis@siddons-martin.com 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. Т: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F:

Certificate L2367

Contact/Location: M. LEWIS - SIDFRI Page 2 of 2