

Machine Id

TRACKMOBILE 4250TM F-57 (S/N LGN97757-0303)

Rear Right Planetary

PHILLIPS SAE 80W90 (4 QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

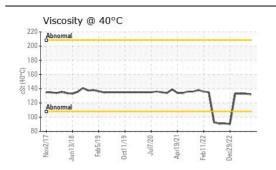
There is no indication of any contamination in the oil.

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0920343	WC0833569	WC0809746
Sample Date		Client Info		22 May 2024	03 Nov 2023	12 May 2023
Machine Age	hrs	Client Info		29413	1430	27754
Oil Age	hrs	Client Info		781	1430	27754
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Not Changd	Not Changd	Changed
Sample Status				NORMAL	NORMAL	NORMAL
Iron	ppm	ASTM D5185m	>500	51	21	12
Chromium	ppm	ASTM D5185m	>10	<1	0	0
Nickel	ppm	ASTM D5185m	>10	<1	0	0
Titanium	ppm	ASTM D5185m	210	2	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	1	0	3
Lead	ppm	ASTM D5185m	>25	0	0	0
Copper	ppm	ASTM D5185m	>75	<1	0	0
Tin	ppm	ASTM D5185m	>10	<1	0	0
Vanadium	ppm	ASTM D5185m	210	0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	····					
Silicon	ppm	ASTM D5185m	>75	12	4	1
						1
Potassium	ppm	ASTM D5185m	>20	4	0	0
Potassium Water			>20 >0.2			
		ASTM D5185m		4	0	0
Water	ppm	ASTM D5185m WC Method	>0.2	4 NEG	0 NEG	0 NEG
Water Silt	ppm scalar	ASTM D5185m WC Method *Visual	>0.2 NONE	4 NEG NONE	0 NEG NONE	0 NEG NONE
Water Silt Debris	ppm scalar scalar	ASTM D5185m WC Method *Visual *Visual	>0.2 NONE NONE	4 NEG NONE NONE	0 NEG NONE LIGHT	0 NEG NONE NONE
Water Silt Debris Sand/Dirt	ppm scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual	>0.2 NONE NONE NONE	4 NEG NONE NONE NONE	0 NEG NONE LIGHT NONE	0 NEG NONE NONE
Water Silt Debris Sand/Dirt Appearance	ppm scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual	>0.2 NONE NONE NONE NORML	4 NEG NONE NONE NONE NORML	0 NEG NONE LIGHT NONE NORML	0 NEG NONE NONE NONE NORML
Water Silt Debris Sand/Dirt Appearance Odor	ppm scalar scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual	>0.2 NONE NONE NORML NORML	4 NEG NONE NONE NONE NORML NORML	0 NEG NONE LIGHT NONE NORML NORML	0 NEG NONE NONE NORML NORML
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual	>0.2 NONE NONE NORML NORML	4 NEG NONE NONE NORML NORML NEG	0 NEG NONE LIGHT NONE NORML NORML NEG	0 NEG NONE NONE NORML NORML NEG
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	ppm scalar scalar scalar scalar scalar scalar ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>0.2 NONE NONE NORML NORML	4 NEG NONE NONE NORML NORML NEG	0 NEG NONE LIGHT NORML NORML NEG	0 NEG NONE NONE NORML NORML NEG
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>0.2 NONE NONE NORML NORML	4 NEG NONE NONE NORML NORML NEG <1 17	0 NEG NONE LIGHT NORML NORML NEG 0 24	0 NEG NONE NONE NORML NORML NEG 0 21
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>0.2 NONE NONE NORML NORML	4 NEG NONE NONE NORML NORML NEG <1 17 2	0 NEG NONE LIGHT NORML NORML NEG 0 24 0	0 NEG NONE NONE NORML NORML NEG 0 21 0
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	>0.2 NONE NONE NORML NORML	4 NEG NONE NONE NORML NORML NEG <1 17 2 <1	0 NEG NONE LIGHT NORML NORML NEG 0 24 0 0	0 NEG NONE NONE NORML NORML NEG 0 21 0 21
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>0.2 NONE NONE NORML NORML	4 NEG NONE NONE NORML NORML NEG <1 17 2 <1 17 2 <1 17	0 NEG NONE LIGHT NORML NORML NEG 0 24 0 0 0 0	0 NEG NONE NONE NORML NORML NEG 0 21 0 21 0 <1
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>0.2 NONE NONE NORML NORML	4 NEG NONE NONE NORML NORML NEG <1 17 2 <1 17 2 <1 17 2 <1 3	0 NEG NONE LIGHT NORML NORML NEG 0 24 0 0 24 0 0 0 0 1	0 NEG NONE NONE NORML NORML NEG 0 21 0 <1 0 <1 0 0
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>0.2 NONE NONE NORML NORML	4 NEG NONE NONE NORML NORML NEG <1 17 2 <1 17 2 <1 3 20	0 NEG NONE LIGHT NORML NORML NEG 0 24 0 24 0 0 0 0 1 1 9	0 NEG NONE NONE NORML NORML NEG 0 21 0 <1 0 <1 0 0 0
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>0.2 NONE NONE NORML NORML	4 NEG NONE NONE NORML NORML NEG <1 17 2 <1 17 2 <1 17 2 <1 3 20 483	0 NEG NONE LIGHT NORML NORML NEG 0 24 0 24 0 24 0 0 1 9 1 171	0 NEG NONE NONE NORML NORML NEG 0 21 0 21 0 21 0 0 21 0 0 21 0 0 0 352

Contact/Location: BILL PITTL JR - FRADAY



Ferrous Alloys 55 50 40 40 35 30 2! 20 15 0 -eb11/22 ec29/22 eh5 Non-ferrous Metals 10 lead ppm eb11/2 ec29/2 eh5 Viscosity @ 40°C 210 201 190 180 170 160 ် ရှိ 150 -경 140 130 120 110 100 90 80 Feb11/22. Feb5/19 Dec29/22 0ct11/19 Apr19/21 Nov2/1 Jun 13/18

FRANKLIN IRON & METAL CORP : WearCheck USA - 501 Madison Ave., Cary, NC 27513 : 29 May 2024 : 31 May 2024 : 31 May 2024 - Wes Davis

1939 EAST 1ST ST DAYTON, OH US 45403 Contact: BILL PITTL JR parts@frankliniron.com T: (937)253-8184 F:



Unique Number : 11056864 Diagnosed Test Package : CONST Certificate L2367 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. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Received

Tested

Report Id: FRADAY [WUSCAR] 06194741 (Generated: 05/31/2024 07:46:50) Rev: 1

Laboratory

Sample No.

Lab Number : 06194741

: WC0920343

Contact/Location: BILL PITTL JR - FRADAY Page 2 of 2