

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL

Machine Id CR6626 Component Front Left Track Drive Fluid GEAR OIL ISO 220 (--- 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.

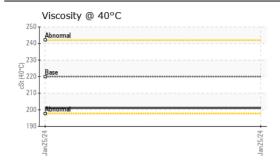
FLUID CONDITION

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

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Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0873299		
Sample Date		Client Info		25 Jan 2024		
Machine Age	hrs	Client Info		11006		
Oil Age	hrs	Client Info		0		
Filter Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Filter Changed		Client Info		Changed		
Sample Status				NORMAL		
			1000	100		
Iron	ppm	ASTM D5185m	>1000	103		
Chromium	ppm	ASTM D5185m	>30	<1		
Nickel	ppm	ASTM D5185m	>7	<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	05	0		
Aluminum	ppm	ASTM D5185m	>25	2		
Lead	ppm	ASTM D5185m	>50	5		
Copper	ppm	ASTM D5185m	>100	20		
Tin	ppm	ASTM D5185m	>5	<1		
Vanadium	ppm	ASTM D5185m	NONE	0		
White Metal	scalar	*Visual	NONE	MODER		
Yellow Metal	scalar	*Visual	NONE	NONE		
Yellow Metal Silicon	scalar ppm	*Visual ASTM D5185m	NONE >150	NONE 3		
Silicon	ppm	ASTM D5185m	>150	3		
Silicon Potassium	ppm	ASTM D5185m ASTM D5185m	>150 >20	3 2		
Silicon Potassium Water	ppm ppm	ASTM D5185m ASTM D5185m WC Method	>150 >20 >0.2	3 2 NEG		
Silicon Potassium Water Silt	ppm ppm scalar	ASTM D5185m ASTM D5185m WC Method *Visual	>150 >20 >0.2 NONE	3 2 NEG NONE		
Silicon Potassium Water Silt Debris	ppm ppm scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>150 >20 >0.2 NONE NONE	3 2 NEG NONE NONE		
Silicon Potassium Water Silt Debris Sand/Dirt	ppm ppm scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual	>150 >20 >0.2 NONE NONE NONE	3 2 NEG NONE NONE NONE		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance	ppm ppm scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual	>150 >20 >0.2 NONE NONE NONE NORML	3 2 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	>150 >20 >0.2 NONE NONE NONE NORML NORML	3 2 NEG NONE NONE NORE 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	>150 >20 >0.2 NONE NONE NORML NORML >0.2	3 2 NEG NONE NONE NORML NORML NEG 0		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>150 >20 >0.2 NONE NORME NORML >0.2	3 2 NEG NONE NONE NORML NORML NEG 0 2		
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	>150 >20 >0.2 NONE NONE NORML NORML >0.2	3 2 NEG NONE NONE NORML NORML NEG 0 2 0		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	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 ASTM D5185m	>150 >20 >0.2 NONE NORME NORML >0.2	3 2 NEG NONE NONE NORML NORML NEG 0 2 0 2		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm ppm scalar 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	>150 >20 >0.2 NONE NORME NORML >0.2 50 15 15	3 2 NEG NONE NONE NORML NORML NEG 0 2 0 2 0 2 1 2		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	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 ASTM D5185m ASTM D5185m ASTM D5185m	>150 >20 >0.2 NONE NONE NORML >0.2 50 15 15	3 2 NEG NONE NONE NORML NORML NEG 0 2 0 2 0 <1 2 0 <1 2		
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 scalar 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	>150 >20 >0.2 NONE NORML NORML >0.2 50 15 15 50 50	3 2 NEG NONE NONE NORML NORML NEG 0 2 0 2 0 <1 2 0 <1 2 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 *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>150 >20 >0.2 NONE NORME NORML >0.2 50 15 15 50 50 350	3 2 NEG NONE NONE NORML NORML NEG 0 2 0 2 0 2 1 2 2 1 3 2 93		
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 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 ASTM D5185m	>150 >20 >0.2 NONE NONE NORML >0.2 50 15 15 50 50 350 100	3 2 NEG NONE NONE NORML NORML NEG 0 2 0 2 0 2 1 2 2 1 3 293 13		
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	>150 >20 >0.2 NONE NORME NORML >0.2 50 15 15 50 50 350	3 2 NEG NONE NONE NORML NORML NEG 0 2 0 2 0 2 1 2 2 1 3 2 93		

Contact/Location: MICHAEL LAWSON - BUCGRA



Ferrous Alloys 110 100 ickel 90 80 70 60 40 30 20 11 0 Non-ferrous Metals 2 n lead 10 E 10 Viscosity @ 40°C 24 240 235 230 22! C20 (40°C) 21 210 205 200 Abnorma 195 lan25/24 an 25

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 **BUCKNER HEAVY LIFT** Laboratory Sample No. : WC0873299 Recieved : 30 Jan 2024 4732 NC 54 EAST Lab Number : 31 Jan 2024 GRAHAM, NC :06074196 Diagnosed Unique Number : 10856287 Diagnostician : Wes Davis US 27253-9215 Test Package : CONST Contact: MICHAEL LAWSON To discuss this sample report, contact Customer Service at 1-800-237-1369. michaell@bucknercompanies.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (336)376-8888 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (336)376-4090

Certificate L2367

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Page 2 of 2