

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL

Machine Id **370410/5726** Component **Front Right Wheel Hub** Fluid **GEAR OIL SAE 80W90 (--- GAL)**

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.

WEAR

All component wear rates are normal.

CONTAMINATION

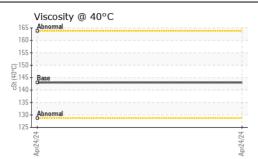
There is no indication of any contamination in the oil.

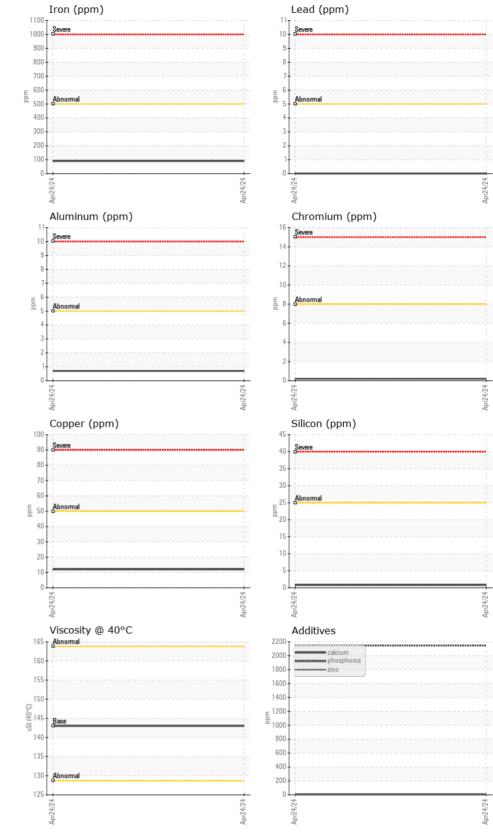
FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number	er	Client Info		WC0890773		
Sample Date		Client Info		24 Apr 2024		
Machine Age	hrs	Client Info		2055		
Oil Age	hrs	Client Info		0		
Filter Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Filter Change	d	Client Info		N/A		
Sample Status			NORMAL			
Iron	nnm	ASTM D5185(m)	>500	90		
Chromium	ppm	ASTM D5185(m)	>8	90 <1		
Nickel	ppm	ASTM D5185(m)	>5	0		
Titanium	ppm ppm	ASTM D5185(m)	>0	0		
Silver		ASTM D5185(m)		0		
Aluminum	ppm	ASTM D5185(m)	>5	<1		
Lead	ppm ppm	ASTM D5185(m)	>5 >5	< 1 0		
Copper	ppm	ASTM D5185(m)	>50	12		
Tin	ppm	ASTM D5185(m)	200	0		
Vanadium	ppm	ASTM D5185(m)		0		
White Metal	scalar	Visual*	NONE	VLITE		
Yellow Metal	scalar					
	SCalai	Visual*	NONE	NONE		
Silicon	ppm	ASTM D5185(m)	>25	NONE <1		
Silicon	ppm	ASTM D5185(m)	>25	<1		
Silicon Potassium	ppm	ASTM D5185(m) ASTM D5185(m)	>25 >20	<1 <1		
Silicon Potassium Water	ppm ppm	ASTM D5185(m) ASTM D5185(m) WC Method	>25 >20 >0.2	<1 <1 NEG		
Silicon Potassium Water Silt	ppm ppm scalar	ASTM D5185(m) ASTM D5185(m) WC Method Visual*	>25 >20 >0.2 NONE	<1 <1 NEG NONE		
Silicon Potassium Water Silt Debris	ppm ppm scalar scalar	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual*	>25 >20 >0.2 NONE NONE	<1 <1 NEG NONE NONE		
Silicon Potassium Water Silt Debris Sand/Dirt	ppm ppm scalar scalar scalar	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual*	>25 >20 >0.2 NONE NONE NONE	<1 <1 NEG NONE NONE NONE		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance	ppm ppm scalar scalar scalar scalar scalar	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual*	>25 >20 >0.2 NONE NONE NONE NORML	<1 <1 NEG NONE NONE NONE NORML		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Wate	ppm ppm scalar scalar scalar scalar scalar scalar scalar	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual*	>25 >20 >0.2 NONE NONE NONE NORML NORML >0.2	<1 <1 NEG NONE NONE NORE NORML NEG		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Wate Sodium	ppm ppm scalar scalar scalar scalar scalar scalar scalar scalar	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* Visual*	>25 >20 >0.2 NONE NONE NORML NORML >0.2	<1 <1 NEG NONE NONE NORML NORML NEG 6		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Wate Sodium Boron	ppm ppm scalar scalar scalar scalar scalar scalar scalar scalar ppm	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m)	>25 >20 >0.2 NONE NONE NORML >0.2 >170 400	<1 <1 NEG NONE NONE NORML NORML NEG 6 48		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Wate Sodium Boron Barium	ppm ppm scalar scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m)	>25 >20 >0.2 NONE NONE NORML NORML >0.2 >170 400 200	<1 <1 NEG NONE NONE NORML NORML NEG 6 48 0		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Wate Sodium Boron Barium Molybdenum	ppm ppm scalar scalar scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>25 >20 >0.2 NONE NONE NORML >0.2 >170 400	<1 <1 NEG NONE NONE NORML NORML NEG 6 48 0 0		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Wate Sodium Boron Barium Molybdenum Manganese	ppm ppm scalar scalar scalar scalar scalar scalar scalar ppm ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>25 >20 >0.2 NONE NORME NORML >0.2 >170 400 200 12	<1 <1 NEG NONE NONE NORML NORML NEG 6 48 0 0 2		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Wate Sodium Boron Barium Molybdenum Manganese Magnesium	ppm ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>25 >20 >0.2 NONE NONE NORML NORML >0.2 >170 400 200 12	<1 <1 NEG NONE NONE NORML NORML NEG 6 48 0 0		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Wate Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm scalar scalar scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>25 >20 >0.2 NONE NORME NORML >0.2 >170 400 200 12	<1 <1 NEG NONE NONE NORML NORML NEG 6 48 0 0 2 109		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Wate Sodium Boron Barium Molybdenum Manganese Magnesium	ppm ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	 >25 >20 >0.2 NONE NORML NORML >0.2 >170 400 200 12 12 150 	<1 <1 NEG NONE NONE NORML NORML NEG 6 48 0 2 109 7 2147		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Wate Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	 >25 >20 >0.2 NONE NONE NORML >0.2 >170 400 200 12 12 150 125 	<1 <1 NEG NONE NONE NORML NORML NEG 6 48 0 0 2 109 7 2147 14		
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Wate Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) WC Method Visual* Visual* Visual* Visual* Visual* Visual* ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	 >25 >20 >0.2 NONE NORME NORML >0.2 >1700 400 200 12 12 150 1650 	<1 <1 NEG NONE NONE NORML NORML NEG 6 48 0 2 109 7 2147		

Contact/Location: CG Equipment CG Guelph - CGEGUE





C.G. EQUIPMENT Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 CALA Sample No. 7367 Wellington Rd. 30, Unit A : WC0890773 Received : 25 Apr 2024 Lab Number : 02631378 Tested : 25 Apr 2024 Guelph, ON ISO 17025:2017 Accredited Laboratory Diagnosed Unique Number : 5772531 : 25 Apr 2024 - Wes Davis CA NOM 2T0 Test Package : MOB 1 Contact: CG Equipment CG Guelph To discuss this sample report, contact Customer Service at 1-800-268-2131. cory@cgequipment.com Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. T: (519)826-0550 Validity of results and interpretation are based on the sample and information as supplied. F: (519)837-2055

Contact/Location: CG Equipment CG Guelph - CGEGUE Page 2 of 2