

Machine Id ACCO C34107 Q2132B1 (S/N 533-20-10-715) Component Hoisting Gearbox Fluid

{not provided} (--- GAL)

RECOMMENDATION

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

WEAR

All component wear rates are normal.

CONTAMINATION

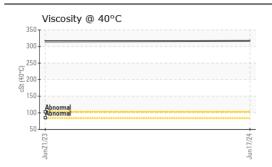
There is no indication of any contamination in the oil.

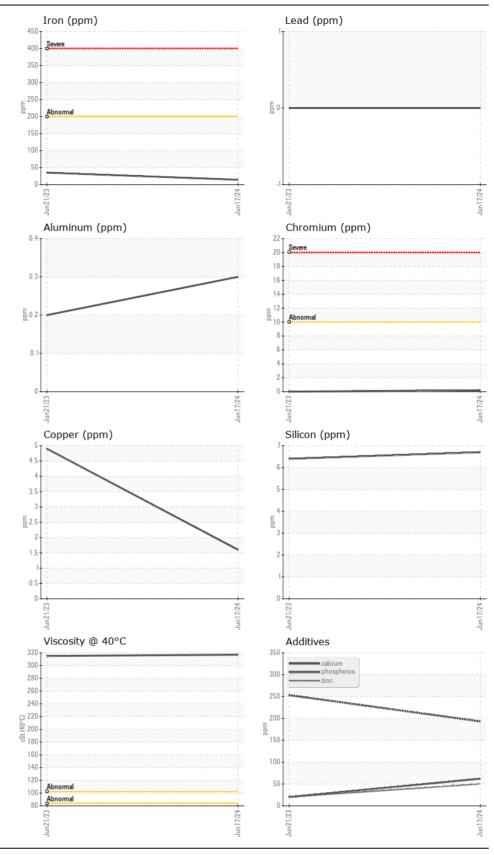
FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		DC0037378	DC0029218	
Sample Date		Client Info		17 Jun 2024	21 Jun 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		Not Changd	N/A	
Filter Changed		Client Info		Not Changd	N/A	
Sample Status			NORMAL	NORMAL		
Iron		ASTM D5185m	>200	14	35	
Chromium	ppm ppm	ASTM D5185m	>200	<1	0	
Nickel		ASTM D5185m	>10	0	0	
Titanium	ppm	ASTM D5185m	>10	<1	0	
Silver	ppm	ASTM D5185m		<1 0	0	
Aluminum	ppm	ASTM D5185m		ں <1		
Lead	ppm	ASTM D5185m		< 1 0	<1 0	
Copper	ppm	ASTM D5185m		2	5	
Tin	ppm	ASTM D5185m		2	0	
Vanadium	ppm	ASTM D5185m		<1	0	
White Metal	ppm scalar	*Visual	NONE	MODER	NONE	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
	Scala	visuai	NONE	NONE	NONE	
Silicon				_		
Chicon	ppm	ASTM D5185m		7	6	
Potassium	ppm	ASTM D5185m	>20	7 2	6 <1	
			>20 >0.2	-	-	
Potassium		ASTM D5185m		2	<1	
Potassium Water	ppm	ASTM D5185m WC Method	>0.2	2 NEG	<1 NEG	
Potassium Water Silt	ppm scalar	ASTM D5185m WC Method *Visual	>0.2 NONE	2 NEG NONE	<1 NEG LIGHT	
Potassium Water Silt Debris	ppm scalar scalar	ASTM D5185m WC Method *Visual *Visual	>0.2 NONE NONE	2 NEG NONE NONE	<1 NEG LIGHT NONE	
Potassium Water Silt Debris Sand/Dirt	ppm scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual	>0.2 NONE NONE NONE	2 NEG NONE NONE	<1 NEG LIGHT NONE NONE	
Potassium 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	2 NEG NONE NONE NORE	<1 NEG LIGHT NONE NONE NORML	
Potassium 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	2 NEG NONE NONE NORML NORML NEG	<1 NEG LIGHT NONE NORML NORML NEG	
Potassium 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	2 NEG NONE NONE NORML NORML NEG 2	<1 NEG LIGHT NONE NORML NORML NEG <1	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	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	2 NEG NONE NONE NORML NORML NEG 2 3	<1 NEG LIGHT NONE NORML NORML NEG <1 2	
Potassium 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	2 NEG NONE NONE NORML NORML NEG 2 3 2	<1 NEG LIGHT NONE NORML NORML NEG <1 2 0	
Potassium 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	2 NEG NONE NONE NORML NORML NEG 2 3 2 3 2 0	<1 NEG LIGHT NONE NORML NORML NEG <1 2 0 0 0	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>0.2 NONE NONE NORML NORML	2 NEG NONE NONE NORML NORML NEG 2 3 2 3 2 0 2	<1 NEG LIGHT NONE NORML NORML NEG <1 2 0 0 0 1	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	ppm scalar scalar scalar scalar scalar 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	2 NEG NONE NONE NORML NORML NEG 2 3 2 3 2 0 2 3 3 2 3 3	<1 NEG LIGHT NONE NORML NORML NEG <1 2 0 0 0 1 0 1 0	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum 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	>0.2 NONE NONE NORML NORML	2 NEG NONE NONE NORML NORML 2 3 2 0 2 3 2 3 62	<1 NEG LIGHT NONE NORML NORML NEG <1 2 0 0 1 2 0 1 0 20	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Malybdenum 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	2 NEG NONE NONE NORML NORML NEG 2 3 2 0 2 3 62 3 62 193	<1 NEG LIGHT NONE NORML NORML NEG <1 2 0 0 1 2 0 1 0 1 0 20 253	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Boron Barium Malybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm scalar scalar scalar scalar scalar ppm ppm 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 ASTM D5185m	>0.2 NONE NONE NORML NORML	2 NEG NONE NONE NORML NORML NEG 2 3 2 0 2 3 62 3 62 193 50	<1 NEG NONE NORML NORML NORML NORML 0	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Malybdenum 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	2 NEG NONE NONE NORML NORML NEG 2 3 2 0 2 3 62 3 62 193	<1 NEG LIGHT NONE NORML NORML NEG <1 2 0 0 1 2 0 1 0 1 0 20 253	

Contact/Location: JASON WILDE - CRAASHMA





CRANEWORKS INC - MID-ATLANTIC Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. : DC0037378 Received 11089 LEADBETTER ROAD : 28 Jun 2024 Lab Number : 06223815 Tested ASHLAND, VA : 01 Jul 2024 Unique Number : 11102012 Diagnosed : 01 Jul 2024 - Wes Davis US 23005 Test Package : MOB 1 Contact: JASON WILDE Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. jcwilde@vacraneworks.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F:

Contact/Location: JASON WILDE - CRAASHMA Page 2 of 2