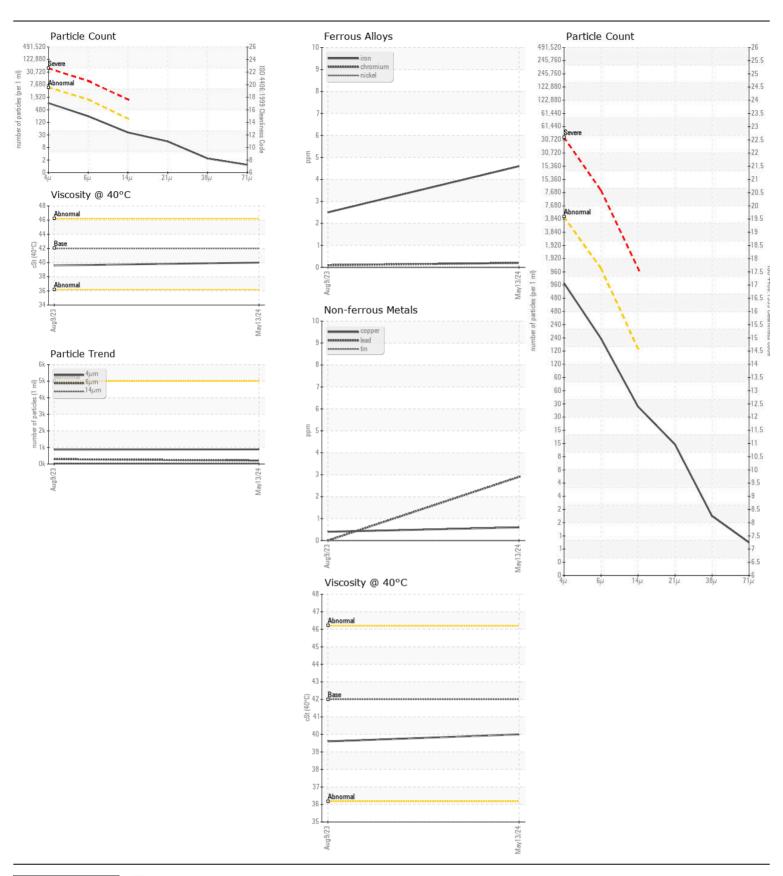
WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL



Test	CAI IDIO 10W (GAL)							
Resample at the next service interval to monitor. Sample Date Client Info SAMPLE Date Client Info SAMPLE Date SAMPLE Date Client Info SAMPLE DATE SAMP	RECOMMENDATION	Test	HOM	Method	Limit/Ahn	Current	History1	History2
Sample Date Client Info	TEOOMMENDATION		00111		LITTIOTALIT		-	,
Machine Age kms Client Info 1942 200 0 0 0 0 0 0 0 0	Resample at the next service interval to monitor.	•						
Oil Age kms Cleant Info 2000 0			kms			-	-	
Filter Age kms Client Info Not Changed Client Info Changed Changed Client Info Changed		•						
Oil Changed Chent Info Changed Changed								
Filter Changed Sample Status		•				Not Changd	Not Changd	
NORMAL N				Client Info			_	
All component wear rates are normal. Chromium ppm ASTM05185m >10 0 0 0		_				_		
All component wear rates are normal. Chromium ppm ASTM05185m >10 0 0 0								
Nickel ppm ASTM D5185 m >10 0 0	WEAR							
Titanium ppm ASTILICISE(m) 0	All component wear rates are normal			. ,				
Silver ppm ASTILD(585m) >10 2 1	, in composition ratios are normal			. ,	>10			
Aluminum ppm ASTM D588rm >10 2 1				, ,				
Lead					40		0	
Copper ppm ASTM DSISS(m) >75 <1 <1 Tin ppm ASTM DSISS(m) >75 <1 <1 Tin ppm ASTM DSISS(m) >10 0 0 0 0 Vanadium ppm ASTM DSISS(m) >0 0 0 0 White Metal scalar Visual* NONE NO							1	
Time								
Vanadium ppm ASTM D585m NONE NONE				. ,				
White Metal Yellow Metal Scalar Visual* NONE NONE NONE NONE NONE NONE NONE NON					>10			
Vellow Metal Scalar Visual* NONE N				, ,	NONE	-		
CONTAMINATION Potassium ppm ASTMD5185(m) > 20 4 5								
Potassium				Visuai	NONL	·····	INOINL	
Potassium	CONTAMINATION	Silicon	ppm	ASTM D5185(m)	>20	4	5	
Cleanliness code. The system and fluid cleanliness is acceptable. Particles >4µm ASTM D7647 >5000 884 865 Particles >6µm ASTM D7647 >1300 208 292 Particles >6µm ASTM D7647 >160 35 45 Particles >21µm ASTM D7647 >160 35 45 Particles >21µm ASTM D7647 >10 2 1 Particles >71µm ASTM D7647 >3 1 0 Particles >80alar Visual* NONE NON		Potassium	ppm	ASTM D5185(m)	>20	<1	<1	
Particles >4\text{um}		Water		WC Method	>0.1	NEG	NEG	
Particles >14µm	cleanliness code. The system and huld cleanliness is acceptable.	Particles >4μm		ASTM D7647	>5000	884	865	
Particles >21µm		Particles >6µm		ASTM D7647	>1300	208	292	
Particles >38µm ASTM D7647 >10 2 1 Particles >71µm ASTM D7647 >3 1 0 Particles >71µm ASTM D7647 >3 1 0 Oil Cleanliness ISO 4406 (c) 5/9/17/14 17/15/12 17/15/13 Silt scalar Visual* NONE NONE NONE NONE Debris scalar Visual* NONE NONE NONE NONE NONE Appearance scalar Visual* NORML NORML NORML NORML NORML Appearance scalar Visual* NORML NORML NORML NORML NORML NORML Appearance scalar Visual* NORML		Particles >14μm		ASTM D7647	>160	35	45	
Particles >71 \(\text{tm} \) ASTM D7647 >3 1 0 0		Particles >21μm		ASTM D7647	>40	13	19	
Oil Cleanliness ISO 4406 (c) 39/17/14 17/15/12 17/15/13		Particles >38μm		ASTM D7647	>10	2	1	
Silt scalar Visual* NONE NORML						1	0	
Debris Scalar Visual* NONE NONE NONE Sand/Dirt Scalar Visual* NONE NORML NOR				ISO 4406 (c)	>19/17/14			
Sand/Dirt scalar Visual* NONE NONE Appearance scalar Visual* NORML			scalar					
Appearance Scalar Visual* NORML NORM							_	
Codor Scalar Visual* NORML N								
Emulsified Water scalar Visual* >0.1 NEG NEG								
Sodium ppm ASTM D5185(m) 1 1						_		
Boron ppm ASTM D5185(m) 1 1 1		Emulsified water	scalar	visuai"	>0.1	NEG	NEG	
Boron ppm ASTM D5185(m) 1 1 1	FLUID CONDITION	Sodium	mag	ASTM D5185(m)		1	1	
The condition of the oil is acceptable for the time in service. Barium ppm ASTM D5185(m) 0 Molybdenum ppm ASTM D5185(m) 0 Magnesium ppm ASTM D5185(m) 0 0 Magnesium ppm ASTM D5185(m) 11 11 11 Calcium ppm ASTM D5185(m) 2980 3106 3035 Phosphorus ppm ASTM D5185(m) 1100 1011 1057 Zinc ppm ASTM D5185(m) 1270 1195 1208 Sulfur ppm ASTM D5185(m) 4236 4211	TESIB SSIIBITISII		• • • • • • • • • • • • • • • • • • • •				1	
Molybdenum ppm ASTM D5185(m) 0 <1	The condition of the oil is acceptable for the time in service.			. ,			0	
Manganese ppm ASTM D5185(m) 0 0 Magnesium ppm ASTM D5185(m) 11 11 Calcium ppm ASTM D5185(m) 2980 3106 3035 Phosphorus ppm ASTM D5185(m) 1100 1011 1057 Zinc ppm ASTM D5185(m) 1270 1195 1208 Sulfur ppm ASTM D5185(m) 4236 4211								
Magnesium ppm ASTM D5185(m) 11 11 Calcium ppm ASTM D5185(m) 2980 3106 3035 Phosphorus ppm ASTM D5185(m) 1100 1011 1057 Zinc ppm ASTM D5185(m) 1270 1195 1208 Sulfur ppm ASTM D5185(m) 4236 4211		-		, ,				
Calcium ppm ASTM D5185(m) 2980 3106 3035 Phosphorus ppm ASTM D5185(m) 1100 1011 1057 Zinc ppm ASTM D5185(m) 1270 1195 1208 Sulfur ppm ASTM D5185(m) 4236 4211		_					11	
Phosphorus ppm ASTM D5185(m) 1100 1011 1057 Zinc ppm ASTM D5185(m) 1270 1195 1208 Sulfur ppm ASTM D5185(m) 4236 4211		Calcium			2980			
Sulfur ppm ASTM D5185(m) 4236 4211		Phosphorus		ASTM D5185(m)	1100	1011	1057	
		Zinc	ppm	ASTM D5185(m)	1270	1195	1208	
Visc @ 40°C cSt ASTM D7279(m) 42.0 ↓ 40.0 丿 39.6		Sulfur	ppm	ASTM D5185(m)		4236	4211	
		Visc @ 40°C	cSt	ASTM D7279(m)	42.0	40.0	39.6	





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No.

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 575 - Squamish Hauling : GFL0100654 Lab Number : 02635302

Tested Unique Number : 5776455 Diagnosed Test Package : MOB 1 (Additional Tests: PrtCount)

Validity of results and interpretation are based on the sample and information as supplied.

Received : 15 May 2024

38950 Queens Way, : 14 May 2024 : 15 May 2024 - Wes Davis

Contact: Jonas Araujo jaraujo@gflenv.com T:

Submitted By: Jonas Araujo

To discuss this sample report, contact Customer Service at 1-800-268-2131. Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.

F:

Squamish, BC

CA V8B 0K8