

## **OIL ANALYSIS REPORT**

## Sample Rating Trend

NORMAL



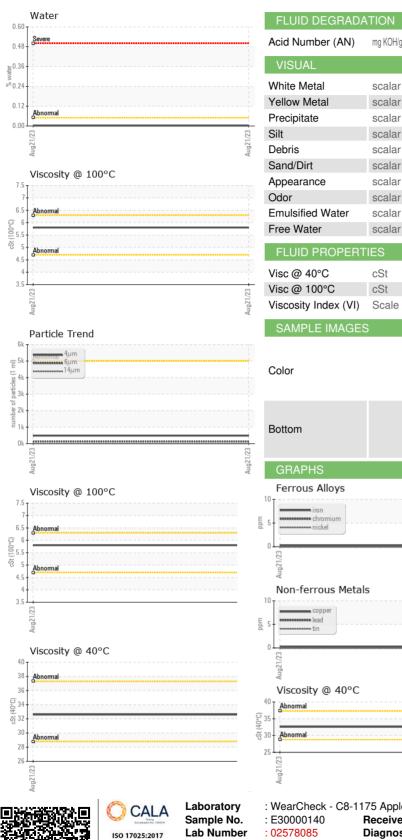
Component Hydraulic System

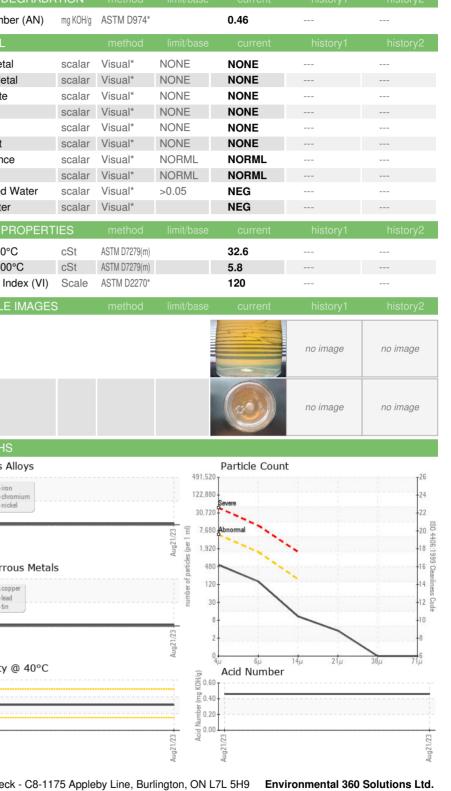
CHEM-ECOL PURE PROTECT AW 32 (--- GAL)

DIAGNOSIS	SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Recommendation	Sample Number		Client Info		E30000140		
This is a baseline read-out on the submitted	Sample Date		Client Info		21 Aug 2023		
sample.		hrs	Client Info		0		
Wear	-	hrs	Client Info		0		
{not applicable}	Oil Changed	1110	Client Info		N/A		
Contamination	Sample Status				NORMAL		
{not applicable}							
Fluid Condition	WEAR METALS		method	limit/base	current	history1	history2
{not applicable}	Iron	ppm	ASTM D5185(m)	>20	<1		
(	Chromium	ppm	ASTM D5185(m)	>20	0		
	Nickel	ppm	ASTM D5185(m)	>20	0		
	Titanium	ppm	ASTM D5185(m)		0		
	Silver	ppm	ASTM D5185(m)		0		
		ppm	ASTM D5185(m)	>20	<1		
	Lead	ppm	ASTM D5185(m)		0		
		ppm	ASTM D5185(m)	>20	<1		
	Tin	ppm	ASTM D5185(m)	>20	0		
	Antimony	ppm	ASTM D5185(m)		0		
	Vanadium	ppm	ASTM D5185(m)		0		
	Beryllium	ppm	ASTM D5185(m)		0		
	Cadmium	ppm	ASTM D5185(m)		0		
	ADDITIVES		method	limit/base	current	history1	history2
	Boron	ppm	ASTM D5185(m)		<1		
	Barium	ppm	ASTM D5185(m)		0		
	Molybdenum	ppm	ASTM D5185(m)		0		
	Manganese	ppm	ASTM D5185(m)		0		
	Magnesium	ppm	ASTM D5185(m)		55		
	Calcium	ppm	ASTM D5185(m)		71		
	Phosphorus	ppm	ASTM D5185(m)		395		
	Zinc	ppm	ASTM D5185(m)		470		
	Sulfur	ppm	ASTM D5185(m)		871		
	Lithium	ppm	ASTM D5185(m)		<1		
	CONTAMINANTS		method	limit/base	current	history1	history2
	Silicon	ppm	ASTM D5185(m)	>15	<1		
	Sodium	ppm	ASTM D5185(m)		<1		
		ppm	ASTM D5185(m)	>20	0		
	Water	%	ASTM D6304*	>0.05	0.002		
	ppm Water	ppm	ASTM D6304*	>500	22.4		
	FLUID CLEANLINE	SS	method	limit/base	current	history1	history2
	Particles >4µm		ASTM D7647	>5000	483		
	Particles >6µm		ASTM D7647		134		
	Particles >14µm		ASTM D7647		9		
	Particles >21µm		ASTM D7647		3		
	Particles >38µm		ASTM D7647		0		
	Particles >71µm		ASTM D7647		0		
	Oil Cleanliness		ISO 4406 (c)		0 16/14/10		
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: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Received : 24 Aug 2023 640 Victoria Street Lab Number Cobourg, ON : 02578085 Diagnosed : 28 Aug 2023 : Tatiana Sorkina CA K9A 5H5 Unique Number : 5631145 Diagnostician Test Package : IND 2 (Additional Tests: KF, KV100, VI) Contact: Fred Kosseim To discuss this sample report, contact Customer Service at 1-800-268-2131. fkosseim@e360s.ca Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab. T: (905)372-2251 Validity of results and interpretation are based on the sample and information as supplied. F: (905)372-1658

Accredited

Laboratory

Contact/Location: Fred Kosseim - CHECOB