

OIL ANALYSIS REPORT



Machine Id

NO UNIT PC0087788

Component Unknown Component

{not provided} (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

Insufficient sample was received to conduct all the routine laboratory tests.

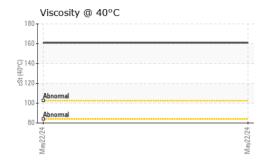
Fluid Condition

Viscosity of sample indicates oil is within ISO 150 range, advise investigate.

SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PC0087788		
Sample Date		Client Info		22 May 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINAT	ION	method	limit/base	current	history1	history2
Water		WC Method		NEG		
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)		6		
Chromium	ppm	ASTM D5185(m)		0		
Nickel	ppm	ASTM D5185(m)		2		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)		0		
Aluminum	ppm	ASTM D5185(m)		<1		
Lead	ppm	ASTM D5185(m)		0		
Copper	ppm	ASTM D5185(m)		<1		
Tin	ppm	ASTM D5185(m)		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)		37		
Barium	ppm	ASTM D5185(m)		<1		
Molybdenum	ppm	ASTM D5185(m)		0		
Manganese	ppm	ASTM D5185(m)		0		
Magnesium	ppm	ASTM D5185(m)		2		
Calcium	ppm	ASTM D5185(m)		2		
Phosphorus	ppm	ASTM D5185(m)		242		
Zinc	ppm	ASTM D5185(m)		8		
Sulfur	ppm	ASTM D5185(m)		5515		
Lithium	ppm	ASTM D5185(m)		4		
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		1		
Sodium	ppm	ASTM D5185(m)		<1		
Potassium	ppm	ASTM D5185(m)	>20	2		



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VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	VLITE		
Yellow Metal	scalar	Visual*	NONE	NONE		
Precipitate	scalar	Visual*	NONE	NONE		
Silt	scalar	Visual*	NONE	NONE		
Debris	scalar	Visual*	NONE	NONE		
Sand/Dirt	scalar	Visual*	NONE	NONE		
Appearance	scalar	Visual*	NORML	NORML		
Odor	scalar	Visual*	NORML	NORML		
Emulsified Water	scalar	Visual*		NEG		
Free Water	scalar	Visual*		NEG		
FLUID PROPE	RTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)		161		
SAMPLE IMAG	ES	method	limit/base	current	history1	history2
Color					no image	no image
Bottom				(6)	no image	no image
GRAPHS						



CALA ISO 17025:2017 Accredited Laboratory

Laboratory **Sample No.** : PC0087788

Lab Number : 02637299 Unique Number : 5786461

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Received

Tested Diagnosed

: 23 May 2024 : 24 May 2024

: 24 May 2024 - Kevin Marson

545 Elmira Road CA N1K 1C2 Contact: Manthan Rathi

manthan.rathi@linamar.com T: (226)326-0125 F: (226)326-0124

Test Package : TEST (Additional Tests: ICP, KV40, Spat) 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.

Validity of results and interpretation are based on the sample and information as supplied. Contact/Location: Manthan Rathi - POWGUE

Powercor Manufacturing - Linamar

Guelph, ON