

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

Machine Id

COMPETITIVE-PSFE PD-032724-5

Component Unknown Component Fluid

{not provided} (--- GAL)

DIAGNOSIS

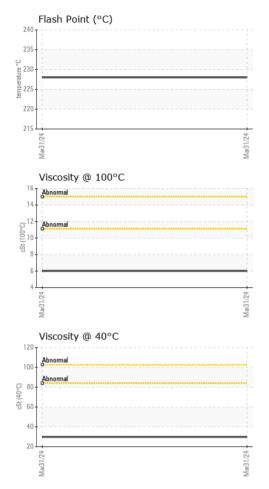
Recommendation

This is a baseline read-out on the submitted sample.

SAMPLE INFORM	1ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PP		
Sample Date		Client Info		31 Mar 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed	1110	Client Info		N/A		
Sample Status				NORMAL		
	_			Normize		
CONTAMINATION	۷	method	limit/base	current	history1	history2
Water		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)		0		
Chromium	ppm	ASTM D5185(m)		0		
Nickel	ppm	ASTM D5185(m)		0		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)		0		
Aluminum	ppm	ASTM D5185(m)		0		
Lead	ppm	ASTM D5185(m)		0		
Copper	ppm	ASTM D5185(m)		0		
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	1-1-	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	innitiouse	69		motoryz
Barium	ppm	ASTM D5185(m)		0		
Molybdenum		ASTM D5185(m)		0		
	ppm	ASTM D5185(m)		0		
Manganese Magnesium	ppm			4		
-	ppm	ASTM D5185(m)		4 127		
Calcium	ppm	ASTM D5185(m) ASTM D5185(m)				
Phosphorus Zinc	ppm					
	10.10.100			202		
	ppm	ASTM D5185(m)		14		
Sulfur	ppm	ASTM D5185(m) ASTM D5185(m)		14 981		
Sulfur Lithium	ppm ppm	ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)		14 981 <1		
Sulfur Lithium CONTAMINANTS	ppm ppm	ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) method	limit/base	14 981 <1 current		
Sulfur Lithium CONTAMINANTS Silicon	ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) method ASTM D5185(m)	limit/base	14 981 <1 current 2		
Sulfur Lithium CONTAMINANTS Silicon Sodium	ppm ppm	ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) method		14 981 <1 current 2 <1	 history1	 history2
Sulfur Lithium CONTAMINANTS Silicon Sodium Potassium	ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) method ASTM D5185(m)	limit/base	14 981 <1 current 2	 history1 	 history2
Sulfur Lithium CONTAMINANTS Silicon Sodium	ppm ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) method ASTM D5185(m) ASTM D5185(m)		14 981 <1 current 2 <1	 history1 	 history2
Sulfur Lithium CONTAMINANTS Silicon Sodium Potassium VISUAL	ppm ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>20	14 981 <1 current 2 <1 0	 history1 	 history2
Sulfur Lithium CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal	ppm ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)	>20 limit/base	14 981 <1 current 2 <1 0 current	 history1 history1	 history2
Sulfur Lithium CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal	ppm ppm ppm ppm ppm scalar	ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) Visual*	>20 limit/base NONE	14 981 <1 current 2 <1 0 current NONE	 history1 history1 	 history2 history2
Sulfur Lithium CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate	ppm ppm ppm ppm ppm scalar scalar	ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) Visual*	>20 limit/base NONE NONE	14 981 <1 2 <1 0 current 0 current NONE NONE	 history1 history1 history1	 history2 history2
Sulfur Lithium CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt	ppm ppm ppm ppm ppm scalar scalar scalar	ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) Visual* Visual* Visual*	>20 limit/base NONE NONE NONE	14 981 <1 2 <1 2 <1 0 current 0 current NONE NONE NONE	 history1 history1 history1	 history2 history2 history2
Sulfur Lithium CONTAMINANTS Silicon Sodium Potassium	ppm ppm ppm ppm ppm scalar scalar scalar scalar	ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) Visual* Visual* Visual* Visual*	>20 limit/base NONE NONE NONE NONE	14 981 <1 2 <1 0 current 0 current NONE NONE NONE NONE	 history1 history1 history1 	 history2 history2 history2
Sulfur Lithium CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris	ppm ppm ppm ppm ppm scalar scalar scalar scalar scalar	ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) Visual* Visual* Visual* Visual* Visual*	>20 limit/base NONE NONE NONE NONE NONE	14 981 <1 2 <1 0 current 0 current NONE NONE NONE NONE NONE NONE	 history1 history1 	 history2 history2 history2



OIL ANALYSIS REPORT



FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)		29.7		
Visc @ 100°C	cSt	ASTM D7279(m)		6.0		
Viscosity Index (VI)	Scale	ASTM D2270*		153		
Pour Point	°C	ASTM D97*		-48		
COC Flash Point	°C	ASTM D92*		228		
SAMPLE IMAGES	3	method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image
GRAPHS						

	🔿 CALA	Laboratory	: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9			FORSYTHE LUBRICATION		
	Accreditation No. 1006019	Sample No.	: PP	Received	: 01 Apr 2024	120 CHATHAM ST.		
	ISO 17025:2017	Lab Number	: 02625875	Tested	: 09 Apr 2024	HAMILTON, ON		
	Accredited	Unique Number	: 5759007	Diagnosed	: 09 Apr 2024 - Kevin Marson	CA L8P 2B5		
	Laboratory	Test Package	: TEST (Additional Te	ests: COC Flash, I	CP, KV100, KV40, PourPt, VI)	Contact: HEIDI LEINGARTNER		
	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. T: (905)525-7193							
	Validity of resu	Its and interpret	F: (905)525-7024					

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Contact/Location: HEIDI LEINGARTNER - FORHAM