

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

Machine Id FLA-PSFE PD-032824-5

Component Unknown Component Fluid {not provided} (--- GAL)

DIAGNOSIS

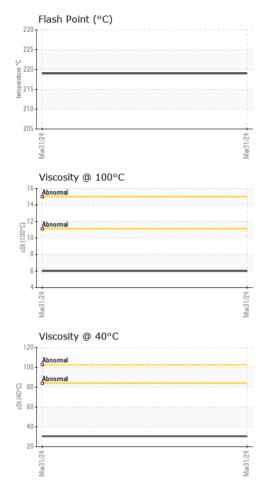
Recommendation

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		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATION	١	method	limit/base	current	history1	history2
Water		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)		2		
Chromium	ppm	ASTM D5185(m)		0		
Nickel	ppm	ASTM D5185(m)		<1		
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		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		71		
Barium	nnm	ASTM D5185(m)		0		
	ppm	A0110 D0100(11)				
	ppm	ASTM D5185(m)		0		
Molybdenum Manganese		ASTM D5185(m)		0		
Molybdenum Manganese	ppm			-		
Molybdenum	ppm ppm	ASTM D5185(m) ASTM D5185(m)		0		
Molybdenum Manganese Magnesium Calcium	ppm ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)		0 <1		
Molybdenum Manganese Magnesium	ppm ppm ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)		0 <1 76		
Molybdenum Manganese Magnesium Calcium Phosphorus	ppm ppm ppm ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)		0 <1 76 147	 	
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)		0 <1 76 147 <1	 	
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur	ppm ppm ppm 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)	limit/base	0 <1 76 147 <1 1547	 	
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium	ppm ppm ppm 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) ASTM D5185(m)	limit/base	0 <1 76 147 <1 1547 <1 current		
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium CONTAMINANTS	ppm ppm ppm 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) ASTM D5185(m) ASTM D5185(m)	limit/base	0 <1 76 147 <1 1547 <1 current 2	 history1 	
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium CONTAMINANTS Silicon	ppm ppm ppm 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) ASTM D5185(m)	limit/base >20	0 <1 76 147 <1 1547 <1 current		 history2
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium CONTAMINANTS Silicon Sodium	ppm ppm ppm ppm 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) ASTM D5185(m) ASTM D5185(m) ASTM D5185(m)		0 <1 76 147 <1 1547 <1 current 2 <1	 history1 	 history2
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium CONTAMINANTS Silicon Sodium Potassium	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m) ASTM D5185(m)	>20	0 <1 76 147 <1 1547 <1 2 2 <1 <1	 history1 	 history2
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium CONTAMINANTS Silicon Sodium Potassium VISUAL	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m) ASTM D5185(m)	>20 limit/base	0 <1 76 147 <1 1547 <1 current 2 <1 <1 <1 current	 history1 history1	 history2 history2
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m) ASTM D5185(m)	>20 limit/base NONE	0 <1 76 147 <1 1547 <1 current 2 <1 <1 <1 <1 current NONE	 history1 history1 	 history2 history2 history2
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) Visual*	>20 limit/base NONE NONE	0 <1 76 147 <1 1547 <1 2 <1 2 <1 2 <1 <1 Current 2 <1 <1 NONE NONE	 history1 history1 history1	 history2 history2
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) Visual* Visual*	>20 limit/base NONE NONE NONE	0 <1 76 147 <1 1547 <1 : : : : : : : : : : : : : : : : : :	 history1 history1	 history2 history2
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) Visual* Visual* Visual*	>20 limit/base NONE NONE NONE NONE NONE	0 <1 76 147 <1 1547 <1 2 <1 2 <1 2 <1 <1 <1 VONE NONE NONE NONE NONE NONE NONE NONE	 history1 history1 history1	 <li< td=""></li<>
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) Visual* Visual* Visual* Visual* Visual*	>20 limit/base NONE NONE NONE NONE	0 <1 76 147 <1 1547 <1 2 <1 2 <1 <1 2 <1 <1 <1 NONE NONE NONE NONE NONE NONE NONE NON	 history1 history1 history1	 history2 history2
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur Lithium CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Precipitate Silt Debris	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185(m) ASTM D5185(m) Visual* Visual* Visual* Visual*	>20 limit/base NONE NONE NONE NONE NONE NONE	0 <1 76 147 <1 1547 <1 2 <1 2 <1 <1 2 <1 <1 <1 NONE NONE NONE NONE NONE NONE NONE NON	 history1 history1 	 history2 history2 -



OIL ANALYSIS REPORT



FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)		30.5		
Visc @ 100°C	cSt	ASTM D7279(m)		6.0		
Viscosity Index (VI)	Scale	ASTM D2270*		146		
Pour Point	°C	ASTM D97*		-51		
COC Flash Point	°C	ASTM D92*		219		
SAMPLE IMAGES	3	method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image
GRAPHS						

THE REPORT OF THE	CALA	Laboratory	: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9			FORSYTHE LUBRICATION	
		Sample No.	: PP	Received	: 01 Apr 2024	120 CHATHAM ST.	
	ISO 17025:2017 Accredited Laboratory	Lab Number	: 02625870	Tested	: 08 Apr 2024	HAMILTON, ON	
		Unique Number	: 5759002	Diagnosed	: 08 Apr 2024 - Kevin Marson	CA L8P 2B5	
		Test Package	: TEST (Additional Test	ts: COC Flash,	ICP, 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						
前於今期 消费							
	Validity of resu	ults and interpre	F: (905)525-7024				

Report Id: FORHAM [WCAMIS] 02625870 (Generated: 04/08/2024 07:58:09) Rev: 1

Contact/Location: HEIDI LEINGARTNER - FORHAM

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