

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id 2126975 Component **Transmission (Manual)** Fluid NOT GIVEN (--- QTS)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the fluid.

Fluid Condition

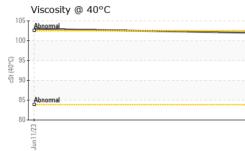
The condition of the fluid is acceptable for the time in service.

SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0105485	PCA0100167	
Sample Date		Client Info		07 Sep 2023	11 Jun 2023	
Machine Age	mls	Client Info		0	19939	
Oil Age	mls	Client Info		0	19939	
Oil Changed		Client Info		Not Changd	Not Changd	
Sample Status				NORMAL	MARGINAL	
CONTAMINAT	ION	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG	NEG	
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	21	24	
Chromium	ppm	ASTM D5185m	>5	<1	<1	
Nickel	ppm	ASTM D5185m	>5	<1	<1	
Titanium	ppm	ASTM D5185m		0	0	
Silver	ppm	ASTM D5185m	>7	0	0	
Aluminum	ppm	ASTM D5185m	>25	<1	1	
Lead	ppm	ASTM D5185m	>45	<1	0	
Copper	ppm	ASTM D5185m	>225	34	29	
Tin	ppm	ASTM D5185m	>10	0	0	
Vanadium	ppm	ASTM D5185m		<1	0	
Cadmium	ppm	ASTM D5185m		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	
Barium	ppm	ASTM D5185m		0	0	
Barium Molybdenum	ppm ppm	ASTM D5185m ASTM D5185m		0 <1	0	
				-		
Molybdenum	ppm	ASTM D5185m		<1	0	
Molybdenum Manganese	ppm ppm	ASTM D5185m ASTM D5185m		<1 12	0	
Molybdenum Manganese Magnesium	ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m		<1 12 0	0 16 2	
Molybdenum Manganese Magnesium Calcium	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		<1 12 0 823	0 16 2 938	
Molybdenum Manganese Magnesium Calcium Phosphorus	ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		<1 12 0 823 643	0 16 2 938 713	
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	<1 12 0 823 643 0	0 16 2 938 713 0	
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method	limit/base	<1 12 0 823 643 0 5203	0 16 2 938 713 0 6022	
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method		<1 12 0 823 643 0 5203 current	0 16 2 938 713 0 6022 history1	
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon	ppm ppm ppm ppm ppm ppm ppm TS	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m MSTM D5185m Method ASTM D5185m	>125	<1 12 0 823 643 0 5203 current 56	0 16 2 938 713 0 6022 history1 60	
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium	ppm ppm ppm ppm ppm ppm ppm TS	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m	>125	<1 12 0 823 643 0 5203 current 56 <1	0 16 2 938 713 0 6022 history1 60 2	 history2
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium	ppm ppm ppm ppm ppm ppm ppm TS	ASTM D5185m ASTM D5185m	>125 >20	<1 12 0 823 643 0 5203 current 56 <1 0	0 16 2 938 713 0 6022 history1 60 2 <1	 history2
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium VISUAL	ppm ppm ppm ppm ppm ppm ppm TS ppm ppm	ASTM D5185m ASTM D5185m	>125 >20 limit/base	<1 12 0 823 643 0 5203 current 56 <1 0 current	0 16 2 938 713 0 6022 history1 60 2 <1 kistory1	 history2 history2
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium VISUAL White Metal	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m method	>125 >20 limit/base NONE	<1 12 0 823 643 0 5203 current 56 <1 0 current LIGHT	0 16 2 938 713 0 6022 history1 60 2 <1 60 2 <1 history1 NONE	 history2 history2
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium VISUAL White Metal Yellow Metal	ppm ppm ppm ppm ppm ppm ppm TS ppm ppm ppm ppm scalar scalar	ASTM D5185m ASTM D5185m Y Usual	>125 >20 limit/base NONE NONE	<1 12 0 823 643 0 5203 current 56 <1 0 current LIGHT NONE	0 16 2 938 713 0 6022 history1 60 2 <1 history1 NONE NONE	 history2 history2
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate	ppm ppm ppm ppm ppm ppm ppm TS ppm ppm ppm ppm scalar scalar scalar	ASTM D5185m ASTM D5185m Yisual *Visual	>125 >20 limit/base NONE NONE NONE	<1 12 0 823 643 0 5203 current 56 <1 0 current LIGHT NONE NONE	0 16 2 938 713 0 6022 history1 60 2 <1 NONE NONE NONE NONE	 history2 history2
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt	ppm ppm ppm ppm ppm ppm ppm TS ppm ppm ppm ppm scalar scalar scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m XM D5185m *Visual *Visual *Visual	>125 >20 limit/base NONE NONE NONE NONE	<1 12 0 823 643 0 5203 current 56 <1 0 current LIGHT NONE NONE NONE NONE	0 16 2 938 713 0 6022 history1 60 2 <1 history1 NONE NONE NONE NONE NONE NONE	 history2 history2
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris	ppm ppm ppm ppm ppm ppm ppm TS ppm ppm ppm ppm scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Yisual *Visual *Visual *Visual	>125 >20 limit/base NONE NONE NONE NONE NONE	<1 12 0 823 643 0 5203 current 56 <1 0 current LIGHT NONE NONE NONE NONE NONE	0 16 2 938 713 0 6022 history1 60 2 <1 history1 NONE NONE NONE NONE NONE NONE NONE	 history2 history2 history2
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium VISUAL White Metal Yellow Metal Yellow Metal Precipitate Silt Debris Sand/Dirt	ppm ppm ppm ppm ppm ppm ppm TS ppm ppm ppm ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Visual *Visual *Visual *Visual *Visual *Visual	>125 >20 limit/base NONE NONE NONE NONE NONE	<1 12 0 823 643 0 5203 current 56 <1 0 current LIGHT NONE NONE NONE NONE NONE NONE NONE	0 16 2 938 713 0 6022 history1 60 2 <1 history1 NONE NONE NONE NONE NONE NONE NONE NONE	 history2 history2 history2
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt Appearance	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual *Visual *Visual *Visual	>125 >20 limit/base NONE NONE NONE NONE NONE NONE NONE	<1 12 0 823 643 0 5203 current 56 <1 0 LIGHT NONE NONE NONE NONE NONE NONE NONE NON	0 16 2 938 713 0 6022 history1 60 2 <1 NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE NONE	 history2 history2
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINAN Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt Appearance Odor	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual	>125 >20 limit/base NONE NONE NONE NONE NONE NORML NORML	<1 12 0 823 643 0 5203 current 56 <1 0 current LIGHT NONE NONE NONE NONE NONE NONE NONE NON	0 16 2 938 713 0 6022 history1 60 2 <1 NONE NORME NORME NORME NONE NORME NORME NORME NONE NORME NORME NORME NONE NORME	 history2 history2 history2



OIL ANALYSIS REPORT

FLUID PROPERTIES method limit/base



	Visc @ 40°C	cSt	ASTM D445	iiiiii/base	102	103	
	SAMPLE IM	AGES	method	limit/base	current	history1	history2
	Color				no image	no image	no image
Sap 7/23	Bottom				no image	no image	no image
	GRAPHS						
	Ferrous Alloys			,-			
	20 10 15 10 10 5 0 EZI EZI EZI EZI EZI EZI EZI EZI			Sep7/23			
	20 5 0						
	Viscosity @ 40	°C		Sep 7/23 -			
	104 102			-			
c2(14)-C2	100 98 96 5 94 5 92 90						
	88						
	84 Abnormal 82						
	Jun11/23			Sep7/23 -			
	WearCheck USA - 501 Madison Ave., Cary, NC 27513 PCA0105485 Recieved : 11 Dec 2023 : 06032047 Diagnosed : 15 Dec 2023 : 10781838 Diagnostician : Jonathan Hester : FLEET contact Customer Service at 1-800-237-1369.				PERDUE FARMS - GEORGETOW 20621 SAVANAH R GEORGETOWN, D US 1994 Contact: ROBERT LOCKWOO Robert.Lockwood@Perdue.com		
- Denotes test methods that an tatements of conformity to speci	re outside of the IS	O 17025 sc	ope of accredi	tation.			