

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

NOT GIVEN PCA0123182 (S/N NO INFO GIVEN)

Component Hydraulic System

AW HYDRAULIC OIL ISO 32 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) AW HYDRAULIC OIL ISO 32. Please confirm.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

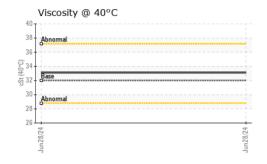
Fluid Condition

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

SAMPLE INFORMATION							
Sample Number Client Info PCA0123182					Jun 2024		
Client Info 28 Jun 2024	SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Client Info 28 Jun 2024	Sample Number		Client Info		PCA0123182		
Machine Age mls Client Info 0			Client Info		28 Jun 2024		
Oil Changed	•	mls					
Contamper Cont		mls	Client Info		0		
CONTAMINATION method limit/base current history1 history2	-		Client Info		Not Changd		
Weter WC Method 20.05 NEG	Sample Status						
WEAR METALS	CONTAMINAT	ION	method	limit/base	current	history1	history2
Chromium	Water		WC Method	>0.05	NEG		
Description	WEAR METAL	_S	method	limit/base	current	history1	history2
Nickel	Iron	ppm	ASTM D5185m	>20	0		
Nickel	Chromium		ASTM D5185m	>20	0		
ASTM D5185m D	Nickel	ppm	ASTM D5185m	>20	0		
Astronomic Ast	Titanium		ASTM D5185m		1		
Lead	Silver	ppm	ASTM D5185m		0		
Lead	Aluminum		ASTM D5185m	>20	0		
ASTM D5185m >20	Lead		ASTM D5185m	>20	0		
Vanadium	Copper		ASTM D5185m	>20	0		
Vanadium ppm ASTM D5185m 0 Cadmium ppm ASTM D5185m 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 5 0 Barium ppm ASTM D5185m 5 2 Molybdenum ppm ASTM D5185m 5 2 Magnesium ppm ASTM D5185m 25 28 Magnesium ppm ASTM D5185m 200 142 Magnesium ppm ASTM D5185m 200 142 Phosphorus ppm ASTM D5185m 370 478 Sulfur ppm ASTM D5185m 2500 1320 CONTAMINANTS method limit/base current history1 </td <td></td> <td></td> <td>ASTM D5185m</td> <td>>20</td> <th>0</th> <td></td> <td></td>			ASTM D5185m	>20	0		
ADDITIVES	Vanadium		ASTM D5185m		0		
Boron	Cadmium	ppm	ASTM D5185m		0		
Barium	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum ppm ASTM D5185m 5 2 Manganese ppm ASTM D5185m 25 28 Magnesium ppm ASTM D5185m 200 142 Calcium ppm ASTM D5185m 300 376 Phosphorus ppm ASTM D5185m 370 478 Zinc ppm ASTM D5185m 2500 1320 Sulfur ppm ASTM D5185m 2500 1320 Sulfur ppm ASTM D5185m 2500 1320 Silicon ppm ASTM D5185m >15 <1	Boron	ppm	ASTM D5185m	5	0		
Manganese ppm ASTM D5185m <1	Barium	ppm	ASTM D5185m	5	0		
Magnesium ppm ASTM D5185m 25 28 Calcium ppm ASTM D5185m 200 142 Phosphorus ppm ASTM D5185m 300 376 Zinc ppm ASTM D5185m 370 478 Sulfur ppm ASTM D5185m 2500 1320 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >15 <1	Molybdenum	ppm	ASTM D5185m	5	2		
Calcium ppm ASTM D5185m 200 142 Phosphorus ppm ASTM D5185m 300 376 Zinc ppm ASTM D5185m 370 478 Sulfur ppm ASTM D5185m 2500 1320 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >15 <1	Manganese	ppm	ASTM D5185m		<1		
Phosphorus ppm ASTM D5185m 300 376 Zinc ppm ASTM D5185m 370 478 Sulfur ppm ASTM D5185m 2500 1320 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >1 Sodium ppm ASTM D5185m >20 0 Potassium ppm ASTM D5185m >20 0 Potassium ppm ASTM D5185m >20 0 VISUAL method limit/base current history1 history2 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE Yellow Metal scalar *Visual NONE NONE	Magnesium	ppm	ASTM D5185m	25	28		
Zinc	Calcium	ppm	ASTM D5185m	200	142		
Sulfur ppm ASTM D5185m 2500 1320 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >15 <1 Sodium ppm ASTM D5185m >20 0 Potassium ppm ASTM D5185m >20 0 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE NONE 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 </td <td>Phosphorus</td> <td>ppm</td> <td>ASTM D5185m</td> <td>300</td> <th>376</th> <td></td> <td></td>	Phosphorus	ppm	ASTM D5185m	300	376		
CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >15 <1	Zinc	ppm	ASTM D5185m	370	478		
Silicon	Sulfur	ppm	ASTM D5185m	2500	1320		
Sodium	CONTAMINAN	NTS	method	limit/base	current	history1	history2
Potassium ppm ASTM D5185m >20 0 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE 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 NORML NORML Appearance scalar *Visual NORML NORML Odor scalar *Visual >0.05 NEG Free Water scalar *Visual NEG	Silicon	ppm	ASTM D5185m	>15	<1		
VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE 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 NORML NORML Appearance scalar *Visual NORML NORML Odor scalar *Visual >0.05 NEG Free Water scalar *Visual NEG	Sodium	ppm	ASTM D5185m		1		
White Metal scalar *Visual NONE NONE 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 NORML NORML Appearance scalar *Visual NORML NORML Dodor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.05 NEG Free Water scalar *Visual NEG	Potassium	ppm	ASTM D5185m	>20	0		
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 NORML NORML Appearance scalar *Visual NORML NORML Codor scalar *Visual >0.05 NEG Free Water scalar *Visual NEG	VISUAL		method	limit/base	current	history1	history2
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 >0.05 NEG Free Water scalar *Visual NEG	White Metal	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 >0.05 NEG Free Water scalar *Visual NEG	Yellow Metal	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 >0.05 NEG Free Water scalar *Visual NEG	Precipitate	scalar	*Visual	NONE	NONE		
Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.05 NEG Free Water scalar *Visual NEG	Silt	scalar	*Visual	NONE	NONE		
Appearance scalar *Visual NORML NORML Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.05 NEG Free Water scalar *Visual NEG	Debris	scalar	*Visual	NONE	NONE		
Odor scalar *Visual NORML NORML Emulsified Water scalar *Visual >0.05 NEG Free Water scalar *Visual NEG	Sand/Dirt	scalar	*Visual	NONE	NONE		
Emulsified Water scalar *Visual >0.05 NEG Free Water scalar *Visual NEG	Appearance	scalar	*Visual	NORML	NORML		
Free Water scalar *Visual NEG	Odor	scalar	*Visual	NORML	NORML		
	Emulsified Water	scalar	*Visual	>0.05	NEG		
		scalar	*Visual				

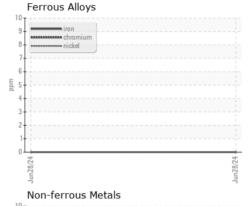


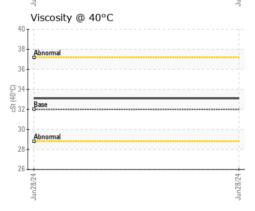
OIL ANALYSIS REPORT





GRAPHS









Certificate 12367

Laboratory Sample No.

: PCA0123182 Lab Number : 06233699 Unique Number : 11117192 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 11 Jul 2024 Tested : 12 Jul 2024

Diagnosed

: 12 Jul 2024 - Wes Davis

To discuss this sample report, contact Customer Service at 1-800-237-1369.

US 21802 Contact: RICHARD O'NEAL richard.oneal@perdue.com T: (410)543-3628

7036 ZION CHURCH ROAD

SALISBURY, MD

PERDUE FARMS - SALISBURY

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

F: (410)341-2164 Contact/Location: RICHARD O'NEAL - PERSALMD