

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION ATTENTION

Machine Id **PIERCE TRUCK 1** Component **Hydraulic System** Fluid **NOT GIVEN (--- GAL)**

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

WEAR

All component wear rates are normal.

CONTAMINATION

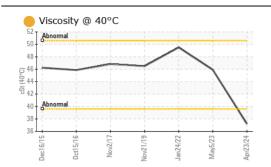
There is no indication of any contamination in the oil.

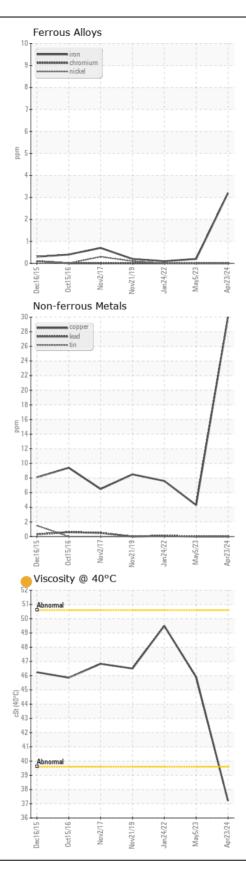
FLUID CONDITION

The oil viscosity is lower than normal. The condition of the oil is acceptable for the time in service.

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Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0917790	WC0801375	WC0639713
Sample Date		Client Info		23 Apr 2024	05 May 2023	24 Jan 2022
Machine Age	hrs	Client Info		29	1164	1164
Oil Age	hrs	Client Info		1432	1164	1164
Filter Age	hrs	Client Info		1432	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ATTENTION	MARGINAL	NORMAL
Iron	ppm	ASTM D5185m	>20	3	<1	<1
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m	>10	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>10	0	2	0
Lead	ppm	ASTM D5185m	>10	0	0	<1
Copper	ppm	ASTM D5185m	>75	30	4	8
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm					
	ppiii	ASTM D5185m	>20	<1	2	3
Potassium	ppm	ASTM D5185m	>20 >20	<1 0	2 <1	3
Potassium Water						
		ASTM D5185m	>20	0	<1	0
Water	ppm	ASTM D5185m WC Method	>20 >0.1	0 NEG	<1 NEG	0 NEG
Water Silt	ppm scalar	ASTM D5185m WC Method *Visual	>20 >0.1 NONE	0 NEG NONE	<1 NEG NONE	0 NEG NONE
Water Silt Debris	ppm scalar scalar	ASTM D5185m WC Method *Visual *Visual	>20 >0.1 NONE NONE	0 NEG NONE NONE	<1 NEG NONE MODER	0 NEG NONE VLITE
Water Silt Debris Sand/Dirt	ppm scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual	>20 >0.1 NONE NONE NONE	0 NEG NONE NONE NONE	<1 NEG NONE MODER NONE	0 NEG NONE VLITE NONE
Water Silt Debris Sand/Dirt Appearance	ppm scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual	>20 >0.1 NONE NONE NONE	0 NEG NONE NONE NONE NORML	<1 NEG NONE MODER NONE NORML	0 NEG NONE VLITE NONE NORML
Water Silt Debris Sand/Dirt Appearance Odor	ppm scalar scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual	>20 >0.1 NONE NONE NORML NORML	0 NEG NONE NONE NONE NORML NORML	<1 NEG NONE MODER NONE NORML NORML	0 NEG NONE VLITE NONE NORML NORML
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm scalar scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual	>20 >0.1 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG	<1 NEG NONE MODER NONE NORML NEG	0 NEG VLITE NONE NORML NORML NEG
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG	<1 NEG NONE MODER NORML NORML NEG	0 NEG NONE VLITE NORML NORML NEG
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm scalar scalar scalar scalar scalar scalar ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG 1	<1 NEG NONE NONE NORML NORML NEG <1 0	0 NEG NONE VLITE NORML NORML NEG <1 0
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG 1 0 <1	<1 NEG NONE NONE NORML NORML NEG <1 0 0	0 NEG NONE VLITE NORML NORML NEG <1 0 0
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	ppm scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG 1 0 <1 0	<1 NEG NONE NONE NORML NORML NEG <1 0 0 <1	0 NEG NONE VLITE NORML NORML NEG <1 0 0 0
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG 1 0 <1 0	<1 NEG NONE NONE NORML NORML NEG <1 0 0 <1 <1	0 NEG NONE VLITE NORML NORML NEG <1 0 0 0 <1 0 0
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG 1 0 <1 0 <1 0 <1	<1 NEG NONE NONE NORML NORML NEG <1 0 0 <1 <1 <1 2	0 NEG NONE VLITE NORML NORML NEG <1 0 0 <1 0 0 <1 0 0 <1
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG 1 0 <1 0 <1 0 <1 305	<1 NEG NONE MODER NORML NORML NEG <1 0 0 <1 <1 <1 2 115	0 NEG NONE VLITE NORML NORML NEG <1 0 0 <1 0 0 <1 0 0 <1 91
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG 1 0 <1 0 <1 0 <1 305 456	<1 NEG NONE NONE NORML NORML NEG <1 0 0 <1 4 0 0 2 1 15 609	0 NEG NONE VLITE NORML NORML NEG <1 0 0 <1 0 0 <1 0 0 <1 0 0 <1 91 556

Submitted By: RANDY PRICE





TAYLORVILLE FIRE DEPT 202 N MAIN ST



 Unique Number
 : 11022475
 Diagnosed
 : 16 May 2024 - Sean Felton

 Certificate 12367
 Test Package
 : FLEET
 Certificate 12367

 To discuss this sample report, contact Customer Service at 1-800-237-1369.
 Certificate 1200 (Certificate 1200)
 Certificate 1200 (Certificate 1200)

 * - 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)

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

Received

Tested

: 10 May 2024

: 16 May 2024

Contact: JON WAMSLEY T: (217)824-2295

TAYLORVILLE, IL

US 62568

F:

Laboratory

Sample No.

Lab Number : 06176422

: WC0917790

Submitted By: RANDY PRICE Page 2 of 2