

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL

Machine Id **PIERCE EA813** Component **Hydraulic System** Fluid {not provided} (--- LTR)

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

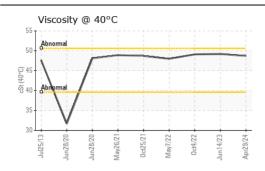
There is no indication of any contamination in the oil.

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0906978	WC0818320	WC0736873
Sample Date		Client Info		29 Apr 2024	14 Jun 2023	04 Oct 2022
Machine Age	hrs	Client Info		0	5943	5770
Oil Age	hrs	Client Info		0	1411	5770
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
Iron	nnm	ASTM D5185m	>20	3	3	4
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m	>10	0	0	0
Titanium	ppm	ASTM D5185m	>10	0	0	0
Silver	ppm	ASTM D5185m		0	0	0
	ppm		× 10	0	-	
Aluminum Lead	ppm	ASTM D5185m ASTM D5185m	>10 >10	0	<1	<1
Copper	ppm	ASTM D5185m	>75	10	10	12
Tin	ppm	ASTM D5185m	>75 >10	0	0	0
Vanadium	ppm	ASTM D5185m	>10	0	0	0
White Metal	ppm scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Scalal	visuai				NONL
Silicon	ppm	ASTM D5185m	>20	2	1	1
Potassium	ppm	ASTM D5185m	>20	0	1	2
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NIGNE
Sand/Dirt	scalar				NONE	NONE
	Scalal	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual *Visual	NONE NORML		-	
Appearance Odor				NONE	NONE	NONE
	scalar	*Visual	NORML	NONE NORML	NONE	NONE
Odor Emulsified Water	scalar scalar scalar	*Visual *Visual *Visual	NORML	NONE NORML NORML NEG	NONE NORML NORML NEG	NONE NORML NORML NEG
Odor Emulsified Water Sodium	scalar scalar scalar ppm	*Visual *Visual *Visual ASTM D5185m	NORML	NONE NORML NORML NEG 3	NONE NORML NEG 3	NONE NORML NORML NEG 0
Odor Emulsified Water Sodium Boron	scalar scalar scalar ppm ppm	*Visual *Visual *Visual ASTM D5185m ASTM D5185m	NORML	NONE NORML NORML NEG 3 2	NONE NORML NORML NEG 3 3	NONE NORML NORML NEG 0 5
Odor Emulsified Water Sodium Boron Barium	scalar scalar scalar ppm ppm ppm	*Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	NORML	NONE NORML NORML NEG 3 2 0	NONE NORML NEG 3 3 0	NONE NORML NORML NEG 0 5 2
Odor Emulsified Water Sodium Boron Barium Molybdenum	scalar scalar scalar ppm ppm ppm	*Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NORML	NONE NORML NORML NEG 3 2 0 2	NONE NORML NEG 3 3 0 3	NONE NORML NEG 0 5 2 4
Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	scalar scalar scalar ppm ppm ppm ppm	*Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NORML	NORML NORML NEG 3 2 0 2 0 2 0	NONE NORML NEG 3 3 0 3 0 3 0	NONE NORML NORML NEG 0 5 2 4 4 <1
Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	scalar scalar ppm ppm ppm ppm ppm	*Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NORML	NORML NORML NEG 3 2 0 2 0 2 0 34	NONE NORML NEG 3 3 0 3 0 3 0 43	NONE NORML NORML NEG 0 5 2 4 <1 39
Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	scalar scalar ppm ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NORML	NORML NORML NEG 3 2 0 2 0 2 0 34 219	NONE NORML NEG 3 3 0 3 0 3 0 3 0 4 3 0 4 3 0	NONE NORML NEG 0 5 2 4 <1 39 228
Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	scalar scalar ppm ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NORML	NONE NORML NEG 3 2 0 2 0 2 0 34 219 418	NONE NORML NEG 3 3 0 3 0 3 0 43 208 429	NONE NORML NEG 0 5 2 4 <1 39 228 425
Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	scalar scalar ppm ppm ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NORML	NONE NORML NORML NEG 3 2 0 2 0 2 0 34 219 418 596	NONE NORML NEG 3 3 0 3 0 3 0 4 3 0 4 3 0 4 3 0 4 3 0 4 3 0 4 3 0 4 3 0 6 37	NONE NORML NEG 0 5 2 4 4 <1 39 228 425 650
Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	scalar scalar ppm ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NORML	NONE NORML NEG 3 2 0 2 0 2 0 34 219 418	NONE NORML NEG 3 3 0 3 0 3 0 43 208 429	NONE NORML NEG 0 5 2 4 <1 39 228 425

Submitted By: RANDY PRICE



Ferrous Alloys 10 bpm 0 Jun28/20 May7/22 un14/23 pr29/24. /av26/21 un28/2 Non-ferrous Metals 13 12 ead 10 maa May7/22 14/23 pr29/24 18Cm Viscosity @ 40°C 52 Abnorma 50 48 46 44 ပ် 42 ရ ⁷중 40 A 38 36 34 32 30 May7/22 . 0ct4/22 -Jun14/23 -Apr29/24 -Jul25/13 Jun28/20 Jun28/20 May26/21

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 10 May 2024 Tested : 16 May 2024 Diagnosed : 16 May 2024 - Sean Felton **CANTON FIRE DEPT**

101 E SPRUCE CANTON, IL US 61520 Contact: TONY

T: (309)647-0040

F:

Test Package : FLEET Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369.

: WC0906978

* - 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)

Laboratory

Sample No.

Lab Number : 06176385

Unique Number : 11022438