

WEAR NORMAL CONTAMINATION ABNORMAL FLUID CONDITION NORMAL

Store 8 - Pikeville [RO#126766] Machine Id PRINOTH T14R 935310213 Component Hydrostatic

ATF (37 GAL)

RECOMMENDATION

We suspect abnormal contamination may be due to sampling method. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

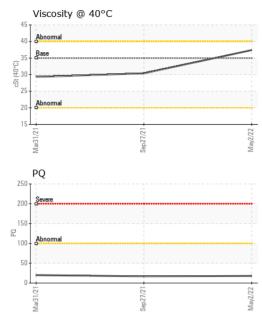
Moderate concentration of visible dirt/debris present in the oil.

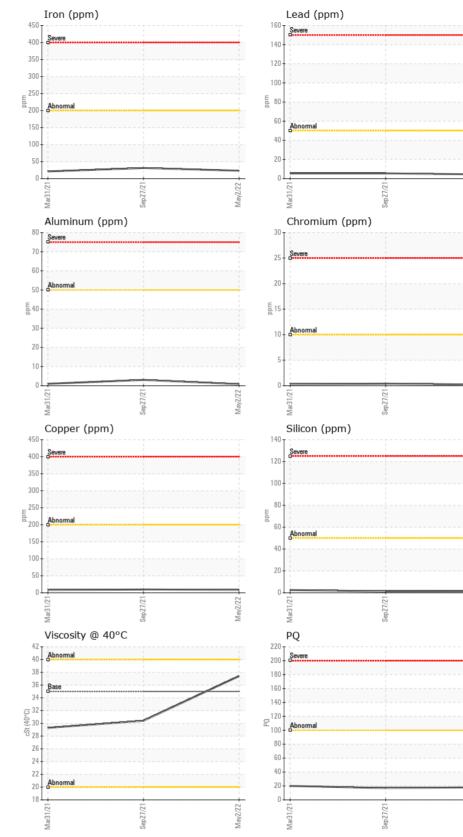
FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0025736	LEC0025209	LEC0019539
Sample Date		Client Info		02 May 2022	27 Sep 2021	31 Mar 2021
Machine Age	hrs	Client Info		1351	959	620
Oil Age	hrs	Client Info		1351	959	620
Filter Age	hrs	Client Info		392	0	0
Oil Changed		Client Info		Changed	Not Changd	Not Changd
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				ABNORMAL	NORMAL	NORMAL
					47	
PQ		ASTM D8184	000	18	17	20
Iron	ppm	ASTM D5185m	>200	23	31	21
Chromium	ppm	ASTM D5185m	>10	<1	<1	<1
Nickel	ppm	ASTM D5185m		0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		<1	<1	0
Aluminum	ppm	ASTM D5185m	>50	<1	3	1
Lead	ppm	ASTM D5185m	>50	4	5	5
Copper	ppm	ASTM D5185m	>200	8	10	8
Tin	ppm	ASTM D5185m	>10	<1	<1	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal Silicon	scalar ppm	*Visual ASTM D5185m	NONE	NONE 1	NONE 1	NONE 2
Silicon	ppm	ASTM D5185m	>50	1	1	2
Silicon Potassium	ppm	ASTM D5185m ASTM D5185m	>50 >20	1	1 2	2 6
Silicon Potassium Water	ppm ppm	ASTM D5185m ASTM D5185m WC Method	>50 >20 >0.1	1 0 NEG	1 2 NEG	2 6 NEG
Silicon Potassium Water Silt	ppm ppm scalar	ASTM D5185m ASTM D5185m WC Method *Visual	>50 >20 >0.1 NONE	1 0 NEG NONE	1 2 NEG NONE	2 6 NEG NONE
Silicon Potassium Water Silt Debris	ppm ppm scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>50 >20 >0.1 NONE NONE	1 0 NEG NONE	1 2 NEG NONE LIGHT	2 6 NEG NONE NONE
Silicon Potassium Water Silt Debris Sand/Dirt	ppm ppm scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>50 >20 >0.1 NONE NONE NONE	1 0 NEG NONE MODER NONE	1 2 NEG NONE LIGHT NONE	2 6 NEG NONE NONE NONE
Silicon Potassium Water Silt Debris Sand/Dirt Appearance	ppm ppm scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual	 >50 >20 >0.1 NONE NONE NONE NORML 	1 0 NEG NONE MODER NONE NORML	1 2 NEG NONE LIGHT NONE NORML	2 6 NEG NONE NONE NONE NORML
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual	 >50 >20 >0.1 NONE NONE NORML NORML 	1 0 NEG NONE MODER NONE NORML NORML NEG	1 2 NEG NONE LIGHT NONE NORML NORML NEG	2 6 NEG NONE NONE NORM NORML NEG
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	ppm ppm scalar scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m	 >50 >20 >0.1 NONE NONE NORML NORML 	1 0 NEG NONE MODER NORML NORML NEG	1 2 NEG NONE LIGHT NONE NORML NORML NEG 0	2 6 NEG NONE NONE NORML NORML NEG 2
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm ppm scalar scalar scalar scalar scalar scalar gpm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	 >50 >20 >0.1 NONE NONE NORML NORML 	1 0 NEG NONE MODER NORML NORML NEG 1 <1	1 2 NEG NONE LIGHT NORML NORML NEG 0 2	2 6 NEG NONE NONE NORML NORML NEG 2 2
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	 >50 >20 >0.1 NONE NONE NORML NORML 	1 0 NEG NONE NONE NORML NORML NEG 1 <1 <1	1 2 NEG NONE LIGHT NORML NORML NORML NEG 0 2 0	2 6 NEG NONE NONE NORML NORML NEG 2 2 2 0
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	 >50 >20 >0.1 NONE NONE NORML NORML 	1 0 NEG NONE MODER NORML NORML NORML NEG 1 <1 0 <1	1 2 NEG NONE LIGHT NORML NORML NEG 0 2 0 2 0 2	2 6 NEG NONE NONE NORML NORML NEG 2 2 2 0 <1
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm ppm scalar scalar scalar scalar scalar gpm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	 >50 >20 >0.1 NONE NONE NORML NORML 	1 0 NEG NONE MODER NORML NORML NEG 1 <1 <1 0 <1 <1	1 2 NEG NONE LIGHT NORML NORML NEG 0 2 0 2 0 2 0 2	2 6 NEG NONE NONE NORML NORML NEG 2 2 2 0 <1 <1
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	 >50 >20 >0.1 NONE NONE NORML NORML 	1 0 NEG NONE MODER NORML NORML NEG 1 <1 <1 0 <1 <1 0 <1 <1 61	1 2 NEG NONE LIGHT NONE NORML NORML NEG 0 2 0 2 0 <1 <1 <1 95	2 6 NEG NONE NONE NORML NORML NEG 2 2 2 0
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	 >50 >20 >0.1 NONE NONE NORML NORML 	1 0 NEG NONE MODER NORML NORML NORML NEG 1 <1 0 <1 <1 0 <1 <1 0 <1 43	1 2 NEG NONE LIGHT NORML NORML NEG 0 2 0 2 0 2 0 2 1 0 2 1 0 2 1 0 1 2 1 0	2 6 NEG NONE NONE NORML NORML NEG 2 2 2 2 0 < 1 <1 <1 118 38
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	 >50 >20 >0.1 NONE NONE NORML NORML 	1 0 NEG NONE MODER NORML NORML NORML 1 <1 <1 <1 0 <1 <1 61 43 423	1 2 NEG NONE LIGHT NORML NORML NEG 0 2 0 2 0 2 1 0 2 1 0 103 396	2 6 NEG NONE NONE NORML NORML NEG 2 2 2 2 0 <1 <1 <1 118 38 429
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	 >50 >20 >0.1 NONE NONE NORML NORML 	1 0 NEG NONE NONE NORML NORML NEG 1 <1 <1 <1 <1 61 43 423 455	1 2 NEG NONE LIGHT NONE NORML NORML NEG 0 2 0 2 0 2 1 0 2 1 0 3 95 103 396 408	2 6 NEG NONE NONE NORML NORML NEG 2 2 2 2 0
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	 >50 >20 >0.1 NONE NONE NORML NORML 	1 0 NEG NONE MODER NORML NORML NORML 1 <1 <1 <1 0 <1 <1 61 43 423	1 2 NEG NONE LIGHT NORML NORML NEG 0 2 0 2 0 2 1 0 2 1 0 103 396	2 6 NEG NONE NONE NORML NORML NEG 2 2 2 2 0 <1 <1 <1 118 38 429

Submitted By: STORE 2 - BEAVER - CASEY TONEY





LESLIE EQUIPMENT COMPANY Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. Recieved : 04 May 2022 105 TENNIS CENTER DR. : LEC0025736 Lab Number : 05536533 MARIETTA, OH Diagnosed : 05 May 2022 : 9960822 Diagnostician : Jonathan Hester US 45750-9765 Unique Number Test Package : MOBCE (Additional Tests: PQ) Contact: LEANNE KENDALL Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. KendalLeanne@lec1.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: F: (740)373-5570 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Submitted By: STORE 2 - BEAVER - CASEY TONEY

Mav2/22