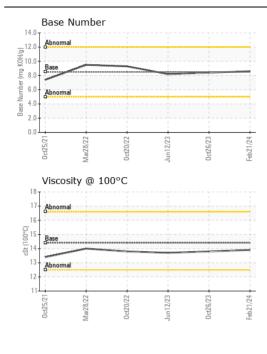
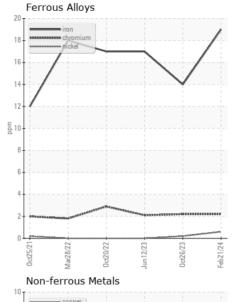
WEAR CONTAMINATION **FLUID CONDITION** **NORMAL** NORMAL **NORMAL**

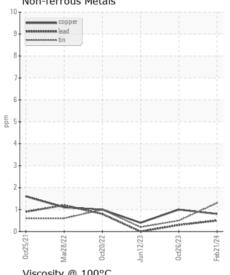
Pillen Family Farms Machine Id ENV85

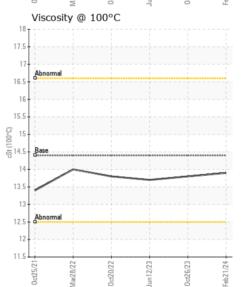
Component Diesel Engine

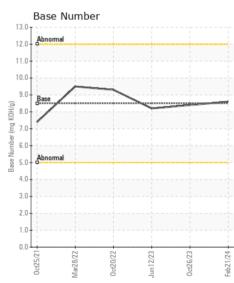
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor.	Sample Number		Client Info		SBP0006830	SBP0006221	SBP000241
	Sample Date		Client Info		21 Feb 2024	26 Oct 2023	12 Jun 202
	Machine Age	mls	Client Info		12000	0	0
	Oil Age	mls	Client Info		12000	0	0
	Filter Age	mls	Client Info		0	0	0
	Oil Changed		Client Info		Not Changd	N/A	N/A
	Filter Changed		Client Info		N/A	N/A	N/A
	Sample Status				NORMAL	NORMAL	NORMAL
VEAR	Iron	ppm	ASTM D5185m	>100	19	14	17
All component wear rates are normal.	Chromium	ppm	ASTM D5185m	>20	2	2	2
	Nickel	ppm	ASTM D5185m		<1	<1	0
	Titanium	ppm	ASTM D5185m		0	0	0
	Silver	ppm	ASTM D5185m	>3	0	0	0
	Aluminum	ppm	ASTM D5185m	>20	3	2	0
	Lead	ppm	ASTM D5185m		<1	<1	0
	Copper	ppm	ASTM D5185m	>330	<1	1	<1
	Tin	ppm	ASTM D5185m	>15	1	<1	<1
	Vanadium	ppm	ASTM D5185m		0	0	0
	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
CONTAMINATION	Silicon	ppm	ASTM D5185m	\25	12	4	4
OONTAMINATION	Potassium	ppm	ASTM D5185m		2	0	0
There is no indication of any contamination in the oil.	Fuel	ррпп	WC Method		<1.0	<1.0	<1.0
	Water		WC Method		NEG	NEG	NEG
	Glycol		WC Method	70.L	NEG	NEG	NEG
	Soot %	%	*ASTM D7844	\3	0.3	0.4	0.4
	Nitration	Abs/cm	*ASTM D7624	>20	6.4	7.5	8.2
	Sulfation	Abs/.1mm	*ASTM D7415		18.7	19.9	20.7
	Silt	scalar	*Visual	NONE	NONE	NONE	NONE
	Debris	scalar	*Visual	NONE	NONE	NONE	NONE
	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
	Appearance	scalar	*Visual	NORML	NORML	NORML	NORM
	Odor	scalar	*Visual	NORML	NORML	NORML	NORM
	Emulsified Water		*Visual	>0.2	NEG	NEG	NEG
LUD CONDITION	0 "		AOTA DE LOS	040			
FLUID CONDITION	Sodium	ppm	ASTM D5185m		4	3	3
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.	Boron	ppm	ASTM D5185m		3	2	0
	Barium	ppm	ASTM D5185m		0	0	0
	Molybdenum	ppm	ASTM D5185m	100	94	59	55
	Manganese	ppm	ASTM D5185m	450	<1	<1	0
	Magnesium	ppm	ASTM D5185m		1536	983	894
	Calcium	ppm	ASTM D5185m		1605	1063	1019
	Phosphorus	ppm	ASTM D5185m		1578	1034	935
	Zinc	ppm	ASTM D5185m		1951	1285	1156
	Sulfur	ppm	ASTM D5185m		5136	2962	3434
	Oxidation	Abs/.1mm	*ASTM D7414		14.0 8.6	15.1 8.4	17.0 8.2
	Base Number (BN)						













Certificate L2367

Laboratory Sample No.

: SBP0006830 Lab Number : 06104880 Unique Number : 10903110 Test Package : FLEET

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

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 29 Feb 2024 : 01 Mar 2024 **Tested**

Diagnosed

: 04 Mar 2024 - Sean Felton

US 61357 Contact: Troy Runge troyfr@pillenfamilyfarms.com T: (308)390-6733

Pillen Family Farms - 722828

* - 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) 26741 NE-91

Humphrey, NE