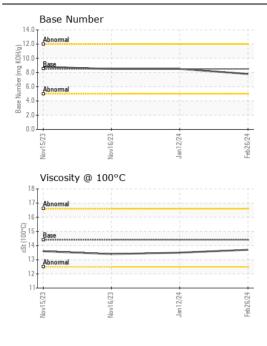
WEAR CONTAMINATION **FLUID CONDITION** **NORMAL** NORMAL **NORMAL**

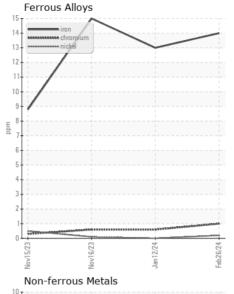
Machine Id

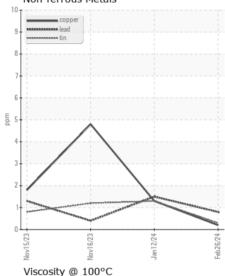
Miltk48

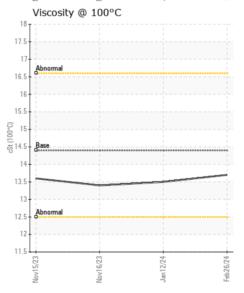
Component Diesel Engine

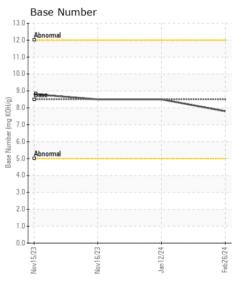
DIESEL ENGINE OIL SAE 40 (GAL)							
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor. Please specify the component make and model with your next sample. Please specify the brand, type, and viscosity of the oil on your next sample.	Sample Number	OOW	Client Info	Ellillo 7 toll	SBP0006822	-	SBP0006289
	Sample Date		Client Info		26 Feb 2024	12 Jan 2024	16 Nov 2023
	Machine Age	hrs	Client Info		350	350	0
	Oil Age	hrs	Client Info		0	350	0
	Filter Age	hrs	Client Info		0	0	0
	Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
	Filter Changed		Client Info		N/A	N/A	N/A
	Sample Status				NORMAL	NORMAL	NORMAL
WEAR	Iron	ppm	ASTM D5185m	>100	14	13	15
All component wear rates are normal.	Chromium	ppm	ASTM D5185m	>20	1	<1	<1
	Nickel	ppm	ASTM D5185m	>4	<1	0	<1
	Titanium	ppm	ASTM D5185m		0	<1	0
	Silver	ppm	ASTM D5185m	>3	0	0	<1
	Aluminum	ppm	ASTM D5185m	>20	3	3	13
	Lead	ppm	ASTM D5185m	>40	<1	2	<1
	Copper	ppm	ASTM D5185m	>330	<1	1	5
	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	6	4	11
There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5185m	>20	1	5	41
	Fuel		WC Method	>5	<1.0	<1.0	<1.0
	Water		WC Method	>0.2	NEG	NEG	NEG
	Glycol		WC Method		NEG	NEG	NEG
	Soot %	%	*ASTM D7844	>3	0.5	0.4	0.3
	Nitration	Abs/cm	*ASTM D7624	>20	7.3	6.6	6.8
	Sulfation	Abs/.1mm	*ASTM D7415	>30	19.2	18.9	19.0
	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	NORML
	Odor	scalar	*Visual	NORML	NORML	NORML	NORML
	Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
FLUID CONDITION	Sodium	ppm	ASTM D5185m	>216	2	2	3
TI DN 101 F a state of State B F 2	Boron	ppm	ASTM D5185m	250	1	<1	7
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.	Barium	ppm	ASTM D5185m	10	0	0	0
	Molybdenum	ppm	ASTM D5185m	100	66	60	55
	Manganese	ppm	ASTM D5185m		0	<1	1
	Magnesium	ppm	ASTM D5185m	450	1045	919	952
	Calcium	ppm	ASTM D5185m	3000	1109	1016	1079
	Phosphorus	ppm	ASTM D5185m	1150	1105	1019	1017
	Zinc	ppm	ASTM D5185m	1350	1350	1178	1241
	Sulfur	ppm	ASTM D5185m	4250	3458	2915	3040
	Oxidation	Abs/.1mm	*ASTM D7414		14.4	14.1	14.0
	Base Number (BN)		ASTM D2896		7.8	8.5	8.5
	Visc @ 100°C	cSt	ASTM D445	14.4	13.7	13.5	13.4













Certificate L2367

Laboratory Sample No.

: SBP0006822 Lab Number : 06104902 Unique Number : 10903132 Test Package : FLEET

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

Diagnosed

: 01 Mar 2024 - Wes Davis

Humphrey, NE US 61357 Contact: Troy Runge

troyfr@pillenfamilyfarms.com T: (308)390-6733

Pillen Family Farms - 722828

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