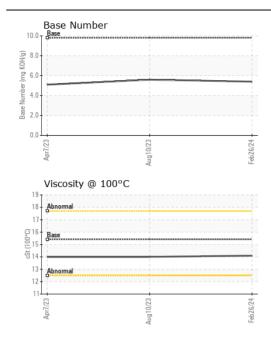
WEAR CONTAMINATION **FLUID CONDITION**

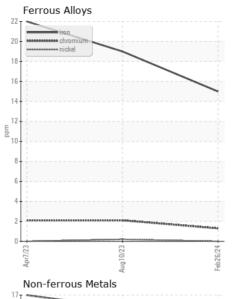
NORMAL NORMAL NORMAL

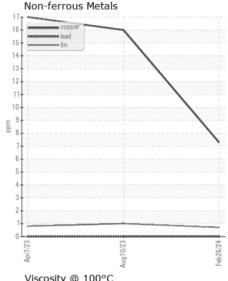
Area
BARTO
Machine Id
7067 [BARTO]

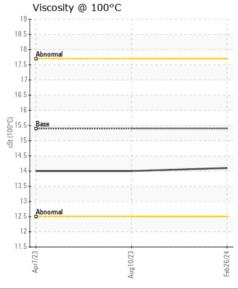
Diesel Engine

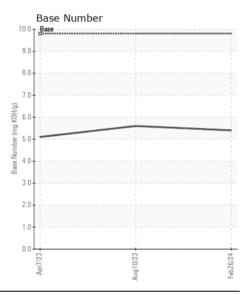
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor.	Sample Number		Client Info		SBP0006641	SBP0005078	SBP000419
	Sample Date		Client Info		26 Feb 2024	10 Aug 2023	07 Apr 202
	Machine Age	mls	Client Info		315008	278539	240032
	Oil Age	mls	Client Info		36469	38507	35742
	Filter Age	mls	Client Info		36469	38507	35742
	Oil Changed		Client Info		Changed	Changed	Changed
	Filter Changed		Client Info		Changed	Changed	Changed
	Sample Status				NORMAL	NORMAL	NORMAL
VEAR	Iron	ppm	ASTM D5185m	>80	15	19	22
	Chromium	ppm	ASTM D5185m	>5	1	2	2
All component wear rates are normal.	Nickel	ppm	ASTM D5185m		0	<1	0
	Titanium	ppm	ASTM D5185m		1	10	0
	Silver	ppm	ASTM D5185m	>3	0	<1	0
	Aluminum	ppm	ASTM D5185m	>30	7	13	11
	Lead	ppm	ASTM D5185m		0	0	0
	Copper	ppm	ASTM D5185m	>150	7	16	17
	Tin	ppm	ASTM D5185m		<1	1	<1
	Vanadium	ppm	ASTM D5185m		0	<1	0
	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
CONTABBINATION	0:11:		AOTA DE40E			^	
CONTAMINATION	Silicon Potassium	ppm	ASTM D5185m ASTM D5185m		4 10	6 17	6
There is no indication of any contamination in the oil.	Fuel	ppm	WC Method		<1.0	<1.0	<1.0
	Water		WC Method		NEG	NEG	NEG
	Glycol		WC Method	<i>></i> 0.2	NEG	NEG	NEG
	Soot %	%	*ASTM D7844	\3	0.6	0.6	0.6
	Nitration	Abs/cm		>20	10.0	10.0	10.0
	Sulfation	Abs/.1mm	*ASTM D7415		22.6	22.2	20.9
	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	- "						
LUID CONDITION	Sodium	ppm	ASTM D5185m	0	2	3	4
The BN result indicates that there is suitable alkalinity remaining in the	Boron	ppm	ASTM D5185m		3	5	7
oil. The condition of the oil is suitable for further service.	Barium	ppm	ASTM D5185m		0	0	2
	Molybdenum	ppm	ASTM D5185m		59	56	59
	Manganese	ppm	ASTM D5185m		<1	<1	<1
	Magnesium	ppm	ASTM D5185m		941	934	813
	Calcium	ppm	ASTM D5185m		1064	1245	1350
	Phosphorus	ppm	ASTM D5185m		1031	985	895
	Zinc	ppm	ASTM D5185m		1279	1328	1209
		nnm	ASTM D5185m	2060	2586	3213	2694
	Sulfur	ppm					
	Oxidation Base Number (BN)	Abs/.1mm	*ASTM D7414	>25	19.9 5.4	19.4 5.6	17.6 5.1















Certificate L2367

Laboratory Sample No.

Lab Number : 06105004 Unique Number : 10903234

: SBP0006641 Test Package : FLEET

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

: 01 Mar 2024 - Wes Davis

SCHMIDT TRANSPORTATION - BARTO

108 E Bay Road Plattsmouth, NE US 68048

Contact: Service Manager

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)

T:

F: