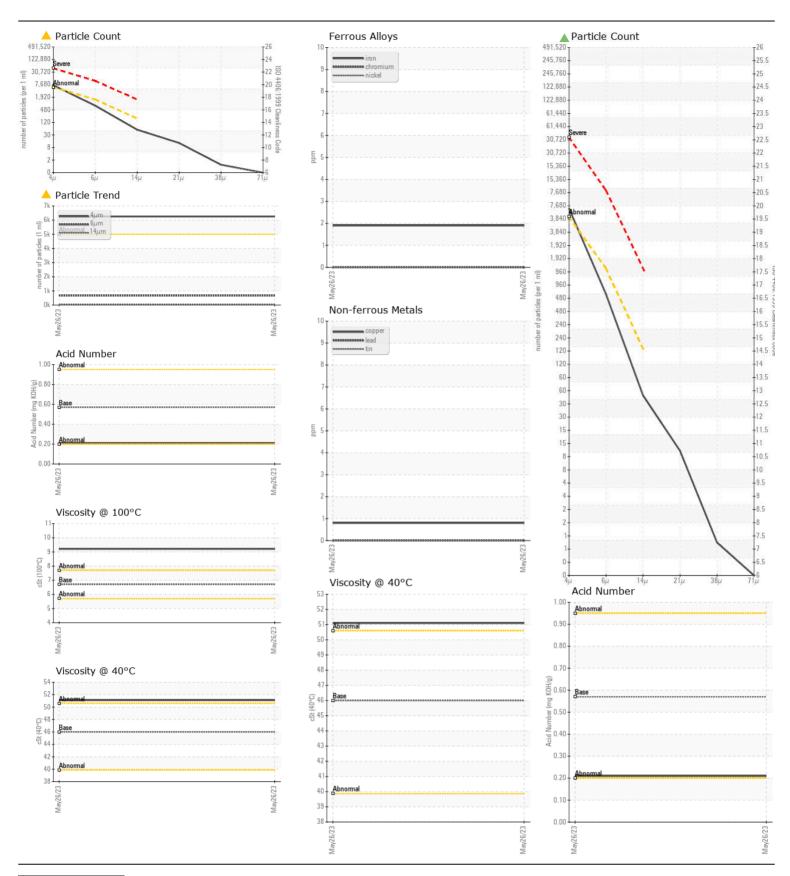
**WEAR** CONTAMINATION **FLUID CONDITION** 

**NORMAL ATTENTION NORMAL** 

## 220122 - SUBURBAN PROPANE

Component Hydraulic System

RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
No corrective action is recommended at this time. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.	Sample Number		Client Info		WC0812341		
	Sample Date		Client Info		26 May 2023		
	Machine Age	yrs	Client Info		2		
	Oil Age	yrs	Client Info		2		
	Filter Age	yrs	Client Info		1		
	Oil Changed		Client Info		Not Changd		
	Filter Changed		Client Info		Changed		
	Sample Status				ATTENTION		
/EAR	Iron	ppm	ASTM D5185m	>20	2		
PEARL	Chromium	ppm	ASTM D5185m		0		
All component wear rates are normal.	Nickel	ppm	ASTM D5185m		0		
	Titanium	ppm	ASTM D5185m		0		
	Silver	ppm	ASTM D5185m		<1		
	Aluminum	ppm	ASTM D5185m	>10	<1		
	Lead	ppm	ASTM D5185m		0		
	Copper	ppm	ASTM D5185m		<1		
	Tin	ppm	ASTM D5185m	>10	0		
	Vanadium	ppm	ASTM D5185m		0		
	White Metal	scalar	*Visual	NONE	NONE		
	Yellow Metal	scalar	*Visual	NONE	NONE		
CONTAMINATION	Silicon	nnm	ASTM D5185m	> 20	2		
	Potassium	ppm	ASTM D5185m		<1		
here is a moderate amount of silt (particulates < 6 microns in size)	Water	ppm	WC Method		NEG		
present in the oil.	Particles >4µm		ASTM D7647		MEG ▲ 6252		
	Particles >6µm		ASTM D7647		663		
	Particles >6µm		ASTM D7647		47		
	Particles >14µm		ASTM D7647		11		
	Particles >38µm		ASTM D7647		1		
	Particles >30µm		ASTM D7647	>3	0		
	Oil Cleanliness		ISO 4406 (c)		<b>2</b> 0/17/13		
	Silt	scalar	*Visual	NONE	NONE		
	Debris	scalar	*Visual	NONE	NONE		
	Sand/Dirt	scalar	*Visual	NONE	NONE		
	Appearance	scalar	*Visual	NORML	NORML		
	Odor	scalar	*Visual	NORML	NORML		
	Emulsified Water		*Visual	>0.1	NEG		
LUID CONDITION	Sodium	ppm	ASTM D5185m	_	0		
he AN level is acceptable for this fluid. The condition of the oil is	Boron	ppm	ASTM D5185m		0		
suitable for further service.	Barium	ppm	ASTM D5185m		0		
	Molybdenum	ppm	ASTM D5185m	5	<1		
	Manganese	ppm	ASTM D5185m	0.5	<1		
	Magnesium	ppm	ASTM D5185m		6		
	Calcium	ppm	ASTM D5185m		54		
	Phosphorus	ppm	ASTM D5185m		269		
	Zinc	ppm	ASTM D5185m	370	339		
	Sulfur	ppm	ASTM D5185m		1277		
	Acid Number (AN)	mg KOH/g			0.21		
	Visc @ 40°C	cSt	ASTM D445	46	51.1		
	Visc @ 100°C	cSt	ASTM D445	6.7	9.21		





Certificate L2367

Laboratory Sample No. Lab Number **Unique Number** 

: WC0812341 : 05878831 : 10523934

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Recieved : 20 Jun 2023 Diagnosed : 28 Jun 2023 Diagnostician : Jonathan Hester

Test Package : MOB 2 ( Additional Tests: KV100, VI ) 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)

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F: x: