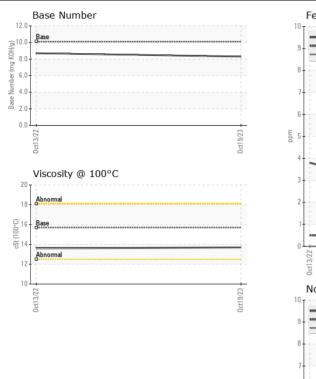
WEAR CONTAMINATION **FLUID CONDITION** **NORMAL NORMAL NORMAL**

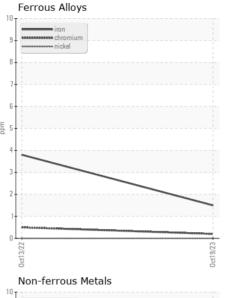
HOGAN PARK

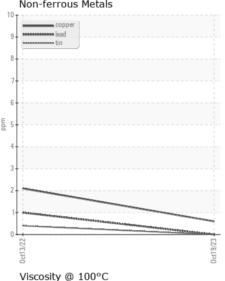
Component Diesel Engine

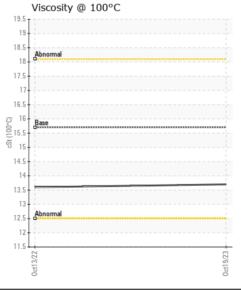
SHELL ROTELLA T 15W40 (GAL)							
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor. Please specify the component make and model with your next sample.	Sample Number		Client Info		WC0872223	LF0001291	
	Sample Date		Client Info		19 Oct 2023	13 Oct 2022	
	Machine Age	hrs	Client Info		54	138	
	Oil Age	hrs	Client Info		54	138	
	Filter Age	hrs	Client Info		54	138	
	Oil Changed		Client Info		Changed	Changed	
	Filter Changed		Client Info		Changed	Changed	
	Sample Status				NORMAL	NORMAL	
WEAR	Iron	ppm	ASTM D5185m	>100	2	4	
WEAT	Chromium	ppm	ASTM D5185m		<1	<1	
Metal levels are typical for a new component breaking in.	Nickel	ppm	ASTM D5185m		0	0	
	Titanium	ppm	ASTM D5185m	7 7	0	0	
	Silver	ppm	ASTM D5185m	>3	0	0	
	Aluminum	ppm	ASTM D5185m		1	<1	
	Lead	ppm	ASTM D5185m		0	1	
	Copper	ppm	ASTM D5185m		<1	2	
	Tin	ppm	ASTM D5185m		0	<1	
	Vanadium	ppm	ASTM D5185m		0	0	
	White Metal	scalar	*Visual	NONE	NONE	NONE	
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
CONTAMINATION							
CONTAMINATION	Silicon	ppm	ASTM D5185m		9	8	
There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5185m		8	8	
	Fuel		WC Method		<1.0	<1.0	
	Water		WC Method	>0.2	NEG	NEG	
	Glycol	0/	WC Method	0	NEG	NEG	
	Soot %	% Aba/am	*ASTM D7844		0.1	0.1 9.5	
	Nitration Sulfation	Abs/cm Abs/.1mm	*ASTM D7624 *ASTM D7415	>20	6.9 20.3	22.6	
	Silt	scalar	*Visual	NONE	20.3 NONE	NONE	
	Debris	scalar	*Visual	NONE	NONE	NONE	
	Sand/Dirt		*Visual	NONE	NONE	NONE	
	Appearance	scalar scalar	*Visual	NORML	NORML	NORML	
	Odor	scalar	*Visual	NORML	NORML	NORML	
	Emulsified Water		*Visual	>0.2	NEG	NEG	
			viodai				
FLUID CONDITION	Sodium	ppm	ASTM D5185m		0	5	
The BN regult indicates that there is suitable alkalinity remaining in the	Boron	ppm	ASTM D5185m	316	190	169	
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		8	0	
	Molybdenum	ppm	ASTM D5185m	1.2	0	<1	
	Manganese	ppm	ASTM D5185m		0	<1	
	Magnesium	ppm	ASTM D5185m		11	23	
	Calcium	ppm	ASTM D5185m	2292	1952	2206	
	Phosphorus	ppm	ASTM D5185m		836	979	
	Zinc	ppm	ASTM D5185m		1064	1183	
	Sulfur	ppm	ASTM D5185m		3353	3929	
	Oxidation	Abs/.1mm	*ASTM D7414		17.2	20.7	
	Base Number (BN)	0 0	ASTM D2896		8.3	8.7	
	Visc @ 100°C	cSt	ASTM D445	15.7	13.7	13.6	

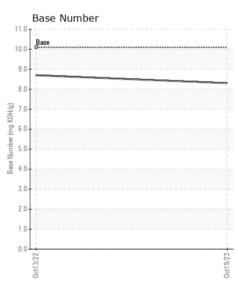
Contact/Location: SANTANA SARABIA - STAODE













Certificate L2367

Laboratory Sample No.

Lab Number : 06088514 Unique Number: 10875959 Test Package : FLEET

: WC0872223

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 14 Feb 2024 : 15 Feb 2024 **Tested**

: 15 Feb 2024 - Wes Davis Diagnosed

STANDBY POWER SUPPORT SYSTEMS

6100 COLORADO AVE ODESSA, TX US 79760

Contact: SANTANA SARABIA standbypower7114@yahoo.com T: (432)362-1051

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)

F: (432)362-1052