WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL NORMAL

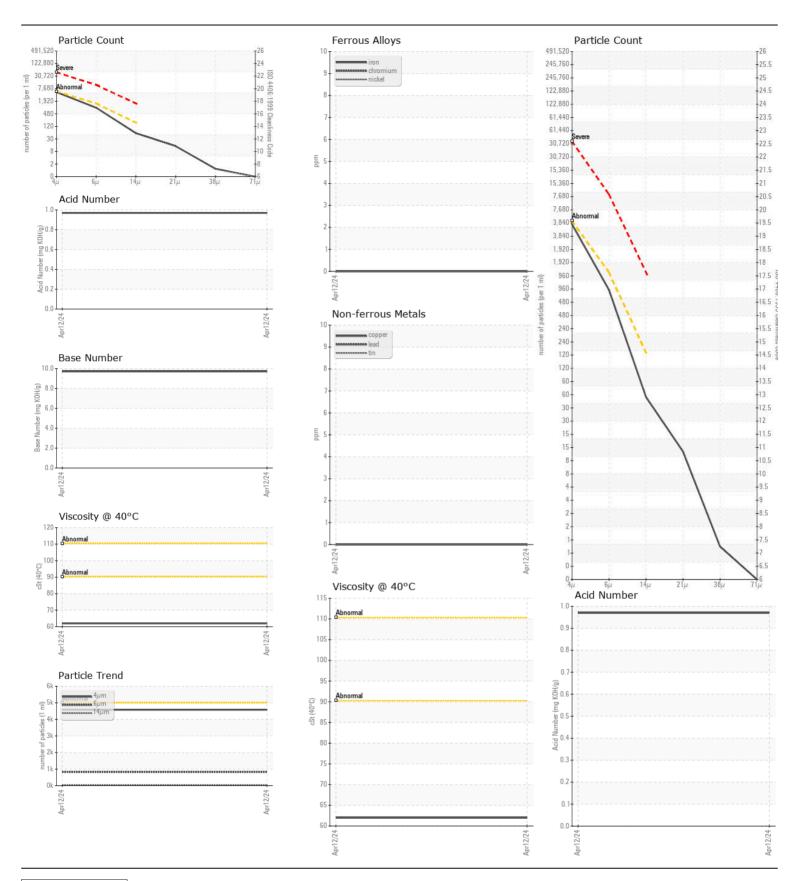
Machine Id

SHELL TXM 10W30

Component

Bulk Tank New (Unused) Oil

Test	UOM	Method	Limit/Ahn	Current	History1	History2
			21111071011			
Sample Date		Client Info		12 Apr 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Filter Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Filter Changed		Client Info		N/A		
Sample Status				NORMAL		
lvon		ACTM DE10Em		•		
				-		
				-		
			NONE			
Silicon	ppm	ASTM D5185m		13		
Potassium	ppm	ASTM D5185m	>20	<1		
Water		WC Method		NEG		
Particles >4µm		ASTM D7647	>5000	4579		
Particles >6µm				823		
		ASTM D7647	>160	50		
				12		
•				-		
		\ /				
			NORML			
Emuisilled water	scalar	visuai		NEG		
Sodium	ppm	ASTM D5185m		0		
Boron		ASTM D5185m		104		
Barium		ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		17		
Calcium	ppm	ASTM D5185m		3720		
Phosphorus	ppm	ASTM D5185m		1169		
Zinc	ppm	ASTM D5185m		1524		
Sulfur	ppm	ASTM D5185m		3826		
Acid Number (AN)	mg KOH/g	ASTM D8045		0.97		
Base Number (BN)	mg KOH/g	ASTM D2896		9.71		
2400 (1411)						
Visc @ 40°C	cSt	ASTM D445 ASTM D445		61.98		
	Machine Age Oil Age Filter Age Oil Changed Filter Changed Sample Status Iron Chromium Nickel Titanium Silver Aluminum Lead Copper Tin Vanadium White Metal Yellow Metal Yellow Metal Silicon Potassium Water Particles >4µm Particles >6µm Particles >14µm Particles >38µm Particles >38µm Particles >71µm Oil Cleanliness Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur Acid Number (AN)	Sample Number Sample Date Machine Age hrs Oil Age hrs Filter Age hrs Oil Changed Filter Changed Sample Status Iron ppm Chromium ppm Nickel ppm Titanium ppm Silver ppm Aluminum ppm Lead ppm Copper ppm Tin ppm Vanadium ppm White Metal scalar Yellow Metal scalar Yellow Metal scalar Yellow Selme Particles > 4 µm Particles > 5 µm Particles > 1 µm Particles > 1 µm Particles > 38 µm Particles > 38 µm Particles > 38 µm Particles > 30 µm Paticles > 30 µm Paticles > 30 µm Paticles > 30 µm Paticles > 30 µm Particles > 30	Sample Number Sample Date Machine Age Oil Age hrs Client Info Cil Age hrs Client Info Cil Age hrs Client Info Cilent Info Cil Changed Filter Changed Sample Status Iron Chromium ppm ASTM D5185m Nickel ppm ASTM D5185m Nickel ppm ASTM D5185m Aluminum ppm ASTM D5185m Lead ppm ASTM D5185m Copper ppm ASTM D5185m Vanadium Ppm ASTM D5185m Vaster VC Method Particles >4µm Particles >6µm Particles >14µm Particles >21µm ASTM D7647 Particles >21µm ASTM D7647 Particles >38µm ASTM D7647 Particles >38µm ASTM D7647 Particles >38µm ASTM D7647 Particles >38µm ASTM D7647 Particles >21µm ASTM D7647 Particles >21µm ASTM D7647 Particles >38µm ASTM D7647 Particles >21µm ASTM D7647 Particles >21µm ASTM D7647 Particles >38µm ASTM D7647 Particles >21µm ASTM D7647 Particles >38µm ASTM D7647 Particles >21µm ASTM D7647 Particles >38µm ASTM D7647 Particles >38µm ASTM D5185m Phosphorus Ppm ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Phosphorus Ppm ASTM D5185m ASTM D51	Sample Number Sample Date Machine Age Oil Age hrs Client Info ASTM D5185m Pack Mastm D5185m ASTM D5185m Molybdenum ppm ASTM D5185m ASTM D5	Sample Number Sample Date Client Info PE0002638 Sample Date Client Info 12 Apr 2024 Machine Age hrs Client Info 0 Oil Age hrs Client Info 0 Filter Age hrs Client Info N/A Filter Changed Client Info N/A Filter Changed Sample Status Client Info N/A Iron ppm ASTM D5185m 0 Chromium ppm ASTM D5185m 0 Nickel ppm ASTM D5185m 0 Nickel ppm ASTM D5185m 0 Niver ppm ASTM D5185m 0 Aluminum ppm ASTM D5185m 0 Lead ppm ASTM D5185m 0 Copper ppm ASTM D5185m 0 Vanadium ppm ASTM D5185m 0 Valuer ppm ASTM D5185m 0 Valuer ppm ASTM D5185m 0 Va	Sample Number Client Info PE0002638 Sample Date Client Info 12 Apr 2024 Sample Date Client Info 12 Apr 2024 Sample Date Nrs Client Info 0 Sample Status Normal Sample Status Sample Stat





Certificate L2367

Laboratory Sample No.

Lab Number : 06158207

: PE0002638

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

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

Unique Number: 10993630

Received : 23 Apr 2024 **Tested** : 07 May 2024 Diagnosed

: 07 May 2024 - Doug Bogart

PetroCard - Salem 1977 Claxter Road NE Salem, OR US 97301

Test Package : PLANT (Additional Tests: FT-IR, ICP, KV100, KV40, PrtCount, SCREEN, TBֆիդենգի: Donovan Bresko dbresko@petrocard.com T: (800)950-3835

Contact/Location: Donovan Bresko - PETSALOR

* - 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)