WEAR CONTAMINATION **FLUID CONDITION**

NORMAL ABNORMAL NORMAL

Machine Id

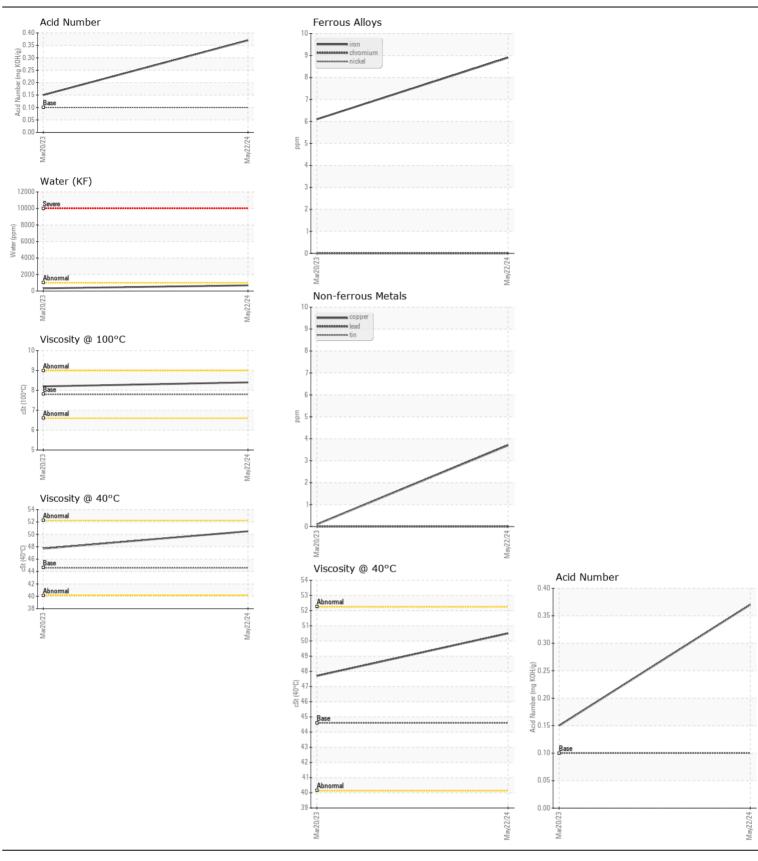
PALATEK 01G043 - DAVEL

Compressor

Fluid '

Test	QUINCY QUINSYN (4 GAL)							
No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monifor. We were unable to perform a particle count due to high concentration of particles present in this sample. No	RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
at the time of sampling has been noted. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample. Machine Age hrs Client Info 0 0 0 0 0	No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. We were unable to perform a particle count due to a	Sample Number		Client Info		QUC0000832	QUC0000373	
Machine Age Instal Instal Machine Age Instal I		Sample Date		Client Info		22 May 2024	20 Mar 2023	
No No No No No No No No		·	hrs	Client Info		-		
Filter Age		Oil Age	hrs	Client Info		0	0	
		J	hrs	Client Info			0	
Filter Changed Sample Status		ū				Changed	Changed	
Name				Client Info			Ü	
Chromium Ppm ASTM D5185m 0 0 0 0 0 0 0 0 0		_				ABNORMAL	ABNORMAL	
Chromium Ppm ASTM D5185m 0 0 0 0 0 0 0 0 0	WEAR	Iron	ppm	ASTM D5185m	>50	9	6	
Nicke ppm		Chromium				0	0	
Titanium ppm ASTM 05185m 0 0 0		Nickel				0	0	
Silver		Titanium		ASTM D5185m		0	0	
Aluminum ppm ASTM D6186m >26 0 0 0 0 0 0 0 0 0		Silver				0	0	
Lead		Aluminum		ASTM D5185m	>25	15	6	
Copper								
Tin		Copper		ASTM D5185m	>50	4	<1	
Vanadium Ppm ASTM D5185m NONE NON				ASTM D5185m	>15	0	0	
White Metal Scalar Visual NONE NO		Vanadium				0	0	
Vellow Metal Scalar Visual NONE NO		White Metal			NONE	NONE	NONE	
Silicon ppm ASTM D5185m >20 <1 0			scalar	*Visual	NONE	NONE	NONE	
Potassium ppm ASTM D5185m >-20 <1 0								
Water % ASTM D6304 > 0.1 0.069 0.033	CONTAMINATION	Silicon	ppm	ASTM D5185m	>25	<1	2	
Water	Moderate concentration of visible dirt/debris present in the oil.	Potassium	ppm	ASTM D5185m	>20	<1	0	
Silt scalar *Visual NONE NONE NONE Debris scalar *Visual NONE NORML NORM		Water	%	ASTM D6304	>0.1	0.069	0.033	
Debris Scalar *Visual NONE A MODER LIGHT		ppm Water	ppm		>1000	690	330	
Sand/Dirt Scalar *Visual NONE NONE NONE Appearance Scalar *Visual NORML		Silt	scalar	*Visual	NONE	NONE	NONE	
Appearance Scalar *Visual NORML NORML NORML NORML NORML Emulsified Water Scalar *Visual NORML NORML		Debris	scalar	*Visual	NONE	▲ MODER	LIGHT	
Codor Scalar *Visual NORML NORML NORML Fmulsified Water Scalar *Visual >0.1 0.2% 0.2%		Sand/Dirt	scalar	*Visual		NONE		
Emulsified Water scalar *Visual >0.1 0.2% 0.2%		Appearance	scalar	*Visual	NORML	NORML	NORML	
Sodium ppm ASTM D5185m 8 9		Odor	scalar	*Visual	NORML	NORML	NORML	
Boron ppm ASTM D5185m 0 0 0		Emulsified Water	scalar	*Visual	>0.1	0.2%	0.2%	
Barium ppm ASTM D5185m 0 0 0	FLUID CONDITION	Sodium	ppm	ASTM D5185m		8	9	
Acid Number (AN)	•	Boron	ppm	ASTM D5185m		0	0	
Molybdenum ppm ASTM D5185m 0 0 Manganese ppm ASTM D5185m 0 <1 Magnesium ppm ASTM D5185m <1 <1 Calcium ppm ASTM D5185m 0 0 Phosphorus ppm ASTM D5185m 139 126 Zinc ppm ASTM D5185m 91 4 Sulfur ppm ASTM D5185m 894 543 Acid Number (AN) mg KOH/g ASTM D8045 .10 0.37 0.15 Visc @ 40°C cSt ASTM D445 44.6 50.5 47.7 Visc @ 100°C cSt ASTM D445 7.8 8.4 8.2		Barium	ppm	ASTM D5185m		0	0	
Magnesium ppm ASTM D5185m <1		Molybdenum	ppm	ASTM D5185m		0	0	
Calcium ppm ASTM D5185m 0 0 Phosphorus ppm ASTM D5185m 139 126 Zinc ppm ASTM D5185m 91 4 Sulfur ppm ASTM D5185m 894 543 Acid Number (AN) mg KOH/g ASTM D8045 .10 0.37 0.15 Visc @ 40°C cSt ASTM D445 44.6 50.5 47.7 Visc @ 100°C cSt ASTM D445 7.8 8.4 8.2		Manganese	ppm	ASTM D5185m		0	<1	
Phosphorus ppm ASTM D5185m 139 126 Zinc ppm ASTM D5185m 91 4 Sulfur ppm ASTM D5185m 894 543 Acid Number (AN) mg KOH/g ASTM D8045 .10 0.37 0.15 Visc @ 40°C cSt ASTM D445 44.6 50.5 47.7 Visc @ 100°C cSt ASTM D445 7.8 8.4 8.2		Magnesium	ppm	ASTM D5185m		<1	<1	
Zinc ppm ASTM D5185m 91 4 Sulfur ppm ASTM D5185m 894 543 Acid Number (AN) mg KOH/g ASTM D8045 .10 0.37 0.15 Visc @ 40°C cSt ASTM D445 44.6 50.5 47.7 Visc @ 100°C cSt ASTM D445 7.8 8.4 8.2		Calcium	ppm	ASTM D5185m		0	0	
Sulfur ppm ASTM D5185m 894 543 Acid Number (AN) mg KOH/g ASTM D8045 .10 0.37 0.15 Visc @ 40°C cSt ASTM D445 44.6 50.5 47.7 Visc @ 100°C cSt ASTM D445 7.8 8.4 8.2		Phosphorus	ppm	ASTM D5185m		139	126	
Acid Number (AN) mg KOH/g ASTM D8045 .10 0.37 0.15 Visc @ 40°C cSt ASTM D445 44.6 50.5 47.7 Visc @ 100°C cSt ASTM D445 7.8 8.4 8.2		Zinc	ppm	ASTM D5185m		91	4	
Visc @ 40°C cSt ASTM D445 44.6 50.5 47.7 Visc @ 100°C cSt ASTM D445 7.8 8.4 8.2		Sulfur	ppm	ASTM D5185m		894	543	
Visc @ 100°C cSt ASTM D445 7.8 8.4 8.2		Acid Number (AN)	mg KOH/g	ASTM D8045	.10	0.37	0.15	
		Visc @ 40°C	cSt	ASTM D445	44.6	50.5	47.7	
Viscosity Index (VI) Scale ASTM D2270 132 141 146		Visc @ 100°C	cSt	ASTM D445	7.8	8.4	8.2	
		Viscosity Index (VI)	Scale	ASTM D2270	132	141	146	

Contact/Location: SEAN ? - QUAALV







Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No.

Lab Number : 06210106 Unique Number : 11082970

: QUC0000832 Received

Tested : 18 Jun 2024 Diagnosed

: 18 Jun 2024 - Angela Borella Test Package : IND 2 (Additional Tests: KF, KV100, PrtCount, VI) To discuss this sample report, contact Customer Service at 1-800-237-1369.

: 14 Jun 2024

* - 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)

QUALITY COMPRESSOR

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F: Contact/Location: SEAN? - QUAALV