

PALEXTRA 44 Machine Id SULLIVAN PALATEK 21GE002335 - KEYSTONE GRANITE Component Compressor

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RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor.	Sample Number		Client Info		UCS06210261	UCS06059356	UCS05479280
	Sample Date		Client Info		19 Jan 2024	12 Oct 2023	27 Jan 2022
	Machine Age	hrs	Client Info		5025	4417	168
	Oil Age	hrs	Client Info		608	4417	168
	Filter Age	hrs	Client Info		608	1332	168
	Oil Changed		Client Info		Not Changd	Changed	Not Changd
	Filter Changed		Client Info		Changed	Changed	Changed
	Sample Status				NORMAL	NORMAL	NORMAL
WEAR	Iron	ppm	ASTM D5185m	>50	<1	0	0
All component wear rates are normal.	Chromium	ppm	ASTM D5185m		0	0	0
	Nickel	ppm	ASTM D5185m	210	ہ <1	0	0
	Titanium	ppm	ASTM D5185m		0	0	0
	Silver	ppm	ASTM D5185m		0	0	0
	Aluminum	ppm	ASTM D5185m	>25	<1	0	<1
	Lead	ppm	ASTM D5185m	>25	0	0	0
	Copper	ppm	ASTM D5185m	>50	2	0	0
	Tin	ppm	ASTM D5185m	>15	<1	0	0
	Vanadium	ppm	ASTM D5185m		0	0	0
	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
					-		
CONTAMINATION	Silicon						
CONTAMINATION	Silicon	ppm	ASTM D5185m	>25	1	3	3
CONTAMINATION There is no indication of any contamination in the oil.	Potassium		ASTM D5185m ASTM D5185m	>25 >20	1 3	3 0	3 0
	Potassium Water	ppm ppm	ASTM D5185m ASTM D5185m WC Method	>25 >20 >0.1	1 3 NEG	3 0 NEG	3 0 NEG
	Potassium Water Silt	ppm ppm scalar	ASTM D5185m ASTM D5185m WC Method *Visual	>25 >20 >0.1 NONE	1 3 NEG NONE	3 0 NEG NONE	3 0 NEG NONE
	Potassium Water Silt Debris	ppm ppm scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>25 >20 >0.1 NONE NONE	1 3 NEG NONE LIGHT	3 0 NEG NONE NONE	3 0 NEG NONE NONE
	Potassium Water Silt Debris Sand/Dirt	ppm ppm scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual	>25 >20 >0.1 NONE NONE NONE	1 3 NEG NONE LIGHT NONE	3 0 NEG NONE	3 0 NEG NONE
	Potassium Water Silt Debris	ppm ppm scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>25 >20 >0.1 NONE NONE	1 3 NEG NONE LIGHT	3 0 NEG NONE NONE NONE	3 0 NEG NONE NONE NONE
	Potassium Water Silt Debris Sand/Dirt Appearance	ppm ppm scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual	>25 >20 >0.1 NONE NONE NONE	1 3 NEG NONE LIGHT NONE NORML	3 0 NEG NONE NONE NONE NORML	3 0 NEG NONE NONE NONE NORML
There is no indication of any contamination in the oil.	Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual	>25 >20 >0.1 NONE NONE NORML NORML	1 3 NEG NONE LIGHT NONE NORML NORML NEG	3 0 NEG NONE NONE NORML NORML NEG	3 0 NEG NONE NONE NORML NORML NEG
There is no indication of any contamination in the oil.	Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	ppm scalar scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>25 >20 >0.1 NONE NONE NORML NORML >0.1	1 3 NEG NONE LIGHT NONE NORML NEG <1	3 0 NEG NONE NONE NORML NORML NEG 0	3 0 NEG NONE NONE NORML NORML NEG 0
There is no indication of any contamination in the oil. FLUID CONDITION The AN level is acceptable for this fluid. The condition of the oil is	Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm ppm scalar scalar scalar scalar scalar scalar scalar ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>25 >20 >0.1 NONE NONE NORML >0.1	1 3 NEG NONE LIGHT NORML NORML NEG <1 <1	3 0 NEG NONE NONE NORML NORML NEG 0 0	3 0 NEG NONE NONE NORML NORML NEG 0 0
There is no indication of any contamination in the oil.	Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>25 >20 >0.1 NONE NONE NORML NORML >0.1	1 3 NEG NONE LIGHT NONE NORML NORML NEG <1 <1 <1 0	3 0 NEG NONE NONE NORML NORML NEG 0 0 0	3 0 NEG NONE NONE NORML NORML NEG 0 0
There is no indication of any contamination in the oil. FLUID CONDITION The AN level is acceptable for this fluid. The condition of the oil is	Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	>25 >20 >0.1 NONE NONE NORML NORML >0.1	1 3 NEG NONE LIGHT NORML NORML NORML NEG <1 <1 0 <1	3 0 NEG NONE NONE NORML NORML NEG 0 0 0 0	3 0 NEG NONE NONE NORML NORML NEG 0 0 0 0
There is no indication of any contamination in the oil. FLUID CONDITION The AN level is acceptable for this fluid. The condition of the oil is	Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>25 >20 >0.1 NONE NONE NONE NORML >0.1 0.3 0 0.3	1 3 NEG NONE LIGHT NORM NORML NEG <1 <1 0 <1 0 <1	3 0 NEG NONE NONE NORML NORML NEG 0 0 0 0 0 0 0 0 0 0	3 0 NEG NONE NONE NORML NORML NEG 0 0 0 0 0 0 0 0
There is no indication of any contamination in the oil. FLUID CONDITION The AN level is acceptable for this fluid. The condition of the oil is	Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Manganese Magnesium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>25 >20 >0.1 NONE NONE NORML NORML >0.1 0.3 0 0.3 0.3 0.3 0.3	1 3 NEG NONE LIGHT NORML NORML NORML NEG <1 <1 0 <1 <1 0 <1 <1 0	3 0 NEG NONE NONE NORML NORML NORML NEG 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 0 NEG NONE NONE NORML NORML NEG 0 0 0 0 0 0 0 0 0 0 0 0
There is no indication of any contamination in the oil. FLUID CONDITION The AN level is acceptable for this fluid. The condition of the oil is	Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>25 >20 >0.1 NONE NONE NORML NORML >0.1 0.3 0 0.3 0.3 0.4 0.4 0	1 3 NEG NONE LIGHT NORML NORML NORML NEG <1 <1 0 <1 <1 0 <1 <1 0 0	3 0 NEG NONE NONE NORML NORML NEG 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 0 NEG NONE NONE NORML NORML NEG 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
There is no indication of any contamination in the oil. FLUID CONDITION The AN level is acceptable for this fluid. The condition of the oil is	Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Manganese Magnesium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>25 >20 >0.1 NONE NONE NORM NORM >0.1 0.3 0.3 0.3 0.4 0.4 0 689	1 3 NEG NONE LIGHT NORML NORML NORML NEG <1 <1 0 <1 <1 0 <1 <1 0	3 0 NEG NONE NONE NORML NORML NORML NEG 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 0 NEG NONE NONE NORML NORML NEG 0 0 0 0 0 0 0 0 0 0 0 0
There is no indication of any contamination in the oil. FLUID CONDITION The AN level is acceptable for this fluid. The condition of the oil is	Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Molybdenum Manganese Magnesium Calcium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>25 >20 >0.1 NONE NONE NORM NORM >0.1 0.3 0.3 0.3 0.3 0.3 0.4 0.4 0.4 0 0.4 0.4 0 0.4 0 0.4	1 3 NEG NONE LIGHT NORML NORML NORML 2 1 <1 0 <1 <1 0 <1 <1 0 0 <1 <1 0 0 652	3 0 NEG NONE NONE NORML NORML NEG 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 0 NEG NONE NONE NORML NORML NEG 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
There is no indication of any contamination in the oil. FLUID CONDITION The AN level is acceptable for this fluid. The condition of the oil is	Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Barium Barium Malybdenum Manganese Magnesium Calcium Phosphorus	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>25 >20 >0.1 NONE NONE NORM NORM >0.1 0.3 0.3 0.3 0.3 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.3 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4 0.4	1 3 NEG NONE LIGHT NORML NORML NEG <1 <1 0 <1 <1 0 <1 0 <1 0 0 52 0	3 0 NEG NONE NONE NORML NORML NEG 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 0 NEG NONE NONE NORML NEG 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

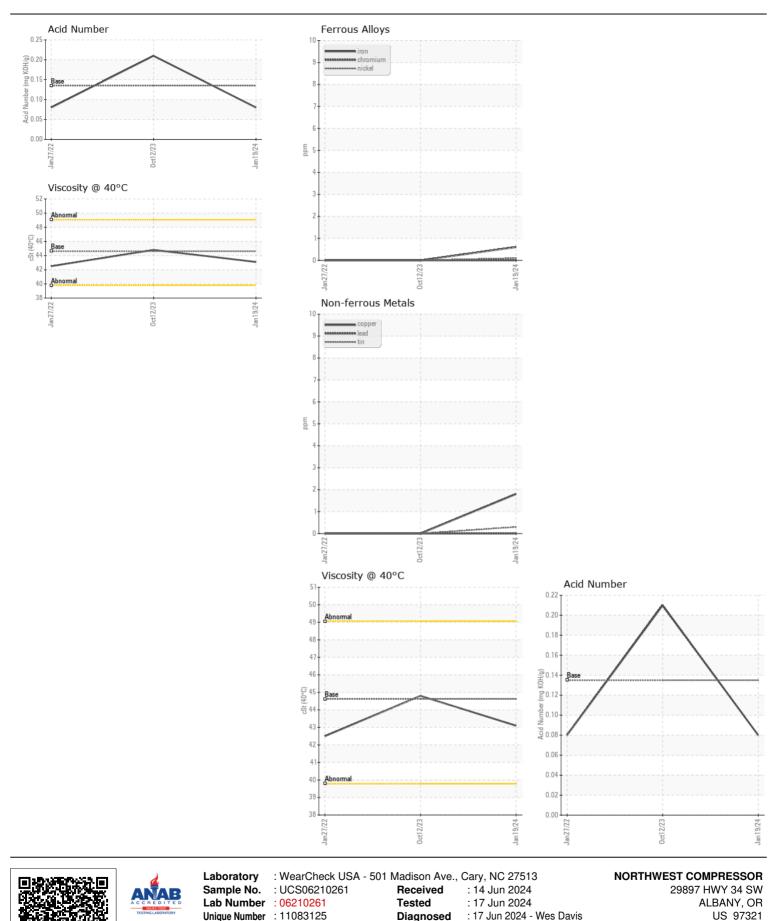
Contact/Location: CRAIG WORLEY - UCNORALB

44.8

43.1

Visc @ 40°C cSt ASTM D445 44.62

42.5



 Unique Number
 : 11083125
 Diagnosed
 : 17 Jun 2024 - Wes Davis
 US 97321

 Certificate 12367
 Test Package
 : IND 2
 Contact: CRAIG WORLEY

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

 * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.
 T: (541)752-5366

 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)
 F: (541)752-4716

Contact/Location: CRAIG WORLEY - UCNORALB Page 2 of 2