

WEAR
CONTAMINATION
FLUID CONDITION

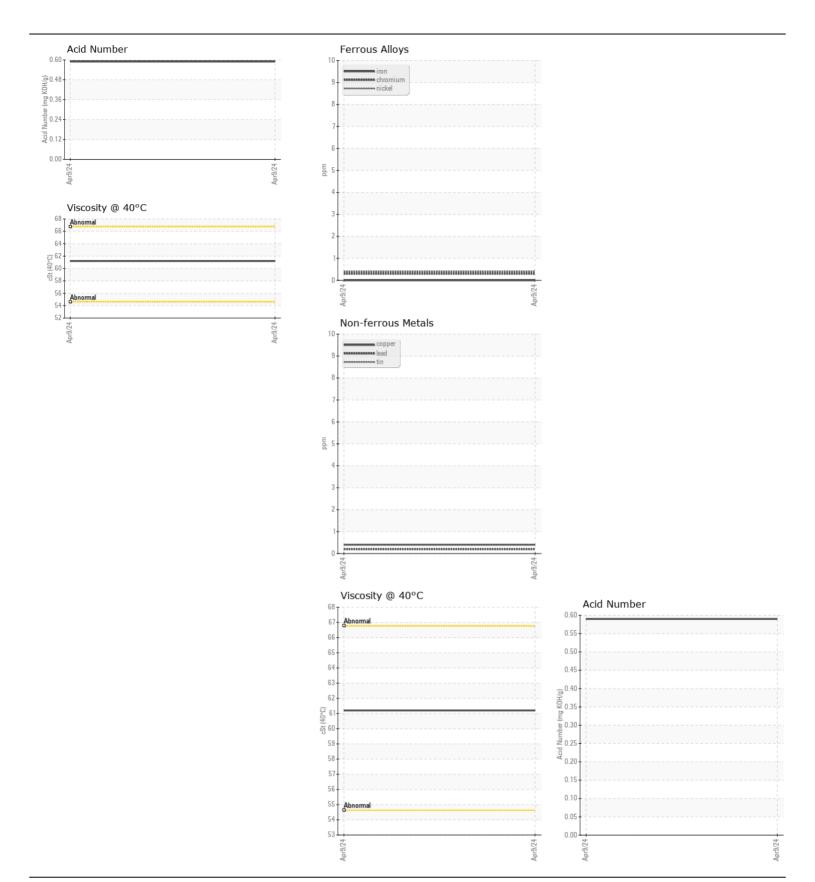
NORMAL NORMAL NORMAL

S9000

BOGE 5141493 - MORCON CONSTRUCTION

Component Compressor

Sample Number Cilent Info MS MS MS MS MS MS MS M	<u></u>							
Sample Date Client Info 23537	RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Date Client Info 23537	Resample at the next service interval to monitor.	Sample Number		Client Info		UCS06159217		
Note Part		Sample Date		Client Info		09 Apr 2024		
Filter Age		Machine Age	hrs	Client Info		23537		
Oli Changed Client Info Changed Client Info Changed Changed Client Info Changed Changed Client Info Changed Changed Client Info Changed		Oil Age	hrs	Client Info		4800		
Filter Changed Sample Status Silver Sample Status Sa		Filter Age	hrs	Client Info		4800		
Normal N		Oil Changed		Client Info		Changed		
Iron		Filter Changed		Client Info		Changed		
All component wear rates are normal. Chromium ppm ASTM 05185m >10 <1 Nickel ppm ASTM 05185m <1 Titanium ppm ASTM 05185m <1 Sliver ppm ASTM 05185m <25 2 Aluminum ppm ASTM 05185m >25 2 Aluminum ppm ASTM 05185m >25 2 Copper ppm ASTM 05185m >50 <1 Tin ppm ASTM 05185m >50 <1 Tin ppm ASTM 05185m >15 <1 Tin ppm ASTM 05185m >15 <1 Tin ppm ASTM 05185m >15 <1 White Metal scalar Visual NONE NONE NONE Tin Potassium ppm ASTM 05185m >20 1 Tin Potassium Ppm ASTM 05185m >20 Tin Potassium Ppm ASTM 05185m >20 Tin Potassium Ppm ASTM 05185m >20 .		Sample Status				NORMAL		
Nickel ppm ASTM D5185m <1 Titanium ppm ASTM D5185m <1 Silver ppm ASTM D5185m <5 2 Aluminum ppm ASTM D5185m >50 <1 Copper ppm ASTM D5185m >50 <1 Tin ppm ASTM D5185m >50 <1 Tin ppm ASTM D5185m >50 <1 Tin ppm ASTM D5185m >50 <1 White Metal scalar "Visual NONE NONE White Metal scalar "Visual NONE NONE Water WC Method >0.1 NEG Silt scalar "Visual NONE NONE Sand/Dirt scalar "Visual NONE NONE Appearance scalar "Visual NORML NORML Appearance scalar	WEAR	Iron	ppm	ASTM D5185m	>50	0		
Nickel ppm ASTM D5185m -1 Silver ppm ASTM D5185m 0 Aluminum ppm ASTM D5185m 0 Aluminum ppm ASTM D5185m 0 Aluminum ppm ASTM D5185m >25 2 Copper ppm ASTM D5185m >25 -1 Tin ppm ASTM D5185m >50 -1 Vanadium ppm ASTM D5185m >50 -1 Vanadium ppm ASTM D5185m >0 1 Vanadium ppm ASTM D5185m >0 1 Vanadium ppm ASTM D5185m >0 1 Visual NONE NONE Silt scalar Visual NONE NONE Appearance scalar Visual NONE NONE Appearance scalar Visual NORML NORML Appearance scalar Visual NORML NORML The AN level is acceptable for this fluid. The condition of the oil is suitable for further service. Parium ppm ASTM D5185m 4 ASTM D5185m Ppm ASTM D5185m 70	All component wear rates are normal	Chromium	ppm	ASTM D5185m	>10	<1		
Silver	All component wear rates are normal.	Nickel	ppm	ASTM D5185m		<1		
Silver		Titanium	ppm	ASTM D5185m		<1		
Lead ppm ASTM D5185m >25 <1		Silver		ASTM D5185m		0		
Copper		Aluminum	ppm	ASTM D5185m	>25	2		
Tin		Lead	ppm	ASTM D5185m	>25	<1		
Vanadium		Copper	ppm	ASTM D5185m	>50	<1		
White Metal Scalar *Visual NONE NO		Tin	ppm	ASTM D5185m	>15	<1		
Yellow Metal scalar "Visual NONE NONE		Vanadium	ppm	ASTM D5185m		<1		
Silicon ppm ASTM D5185m >25 <1 Water WC Method >0.1 NEG Silt scalar "Visual NONE NONE Sand/Dirt scalar "Visual NONE NONE Appearance scalar "Visual NORML N		White Metal	scalar	*Visual	NONE	NONE		
Potassium ppm ASTM D5185m >20 1		Yellow Metal	scalar	*Visual	NONE	NONE		
Potassium ppm ASTM D5185m >20 1	CONTAMINATION	Ciliaan		ACTM DE10Em	. 05	.4		
Water WC Method So.1 NEG Silt scalar *Visual NONE NONE Sand/Dirt Scalar *Visual NORML NORML Sand/Dirt Sodium Scalar *Visual So.1 NEG Sand/Dirt Sodium Solium	CONTAMINATION							
Silt scalar *Visual NONE NONE NONE Sand/Dirts scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Sand/Dirt scalar *Visual NONE NONE Sand/Dirts Scalar *Visual NONE NORML Sand/Dirts Scalar *Visual NORML NORML Sand/Dirts Scalar *Visual NORML NORML Sand/Dirts Solium	There is no indication of any contamination in the oil.		ppm					
Debris Scalar *Visual NONE NONE NONE Sand/Dirt Scalar *Visual NONE NORML NO			analar					
Sand/Dirt scalar *Visual NONE NONE Appearance scalar *Visual NORML NORML NORML Odor scalar *Visual NORML NORML NORML Emulsified Water scalar *Visual >0.1 NEG The AN level is acceptable for this fluid. The condition of the oil is suitable for further service. Boron ppm ASTM D5185m 5 Barium ppm ASTM D5185m <1 Manganese ppm ASTM D5185m <1 Magnesium ppm ASTM D5185m <1 Calcium ppm ASTM D5185m <1 Phosphorus ppm ASTM D5185m 4 Odor scalar *Visual NORML NORML NORML NORML N								
Appearance Scalar *Visual NORML NORM								
Odor								
Emulsified Water scalar *Visual >0.1 NEG								
FLUID CONDITION Sodium ppm ASTM D5185m 5 The AN level is acceptable for this fluid. The condition of the oil is suitable for further service. Boron ppm ASTM D5185m 0 Barium ppm ASTM D5185m <1 Molybdenum ppm ASTM D5185m 0 Magnesium ppm ASTM D5185m <1 Calcium ppm ASTM D5185m 4 Phosphorus ppm ASTM D5185m 70								
Boron ppm ASTM D5185m 0 Barium ppm ASTM D5185m <1 Molybdenum ppm ASTM D5185m <1 Manganese ppm ASTM D5185m 0 Magnesium ppm ASTM D5185m <1 Calcium ppm ASTM D5185m <1 Calcium ppm ASTM D5185m 4 Phosphorus ppm ASTM D5185m 70								
Barium ppm ASTM D5185m <1 Molybdenum ppm ASTM D5185m <1 Manganese ppm ASTM D5185m 0 Magnesium ppm ASTM D5185m <1 Calcium ppm ASTM D5185m 4 Phosphorus ppm ASTM D5185m 70	FLUID CONDITION	Sodium	ppm	ASTM D5185m		5		
Barium ppm ASTM D5185m <1 Molybdenum ppm ASTM D5185m <1 Manganese ppm ASTM D5185m 0 Magnesium ppm ASTM D5185m <1 Calcium ppm ASTM D5185m 4 Phosphorus ppm ASTM D5185m 70	The AN level is acceptable for this fluid. The condition of the oil is	Boron	ppm	ASTM D5185m		0		
Manganese ppm ASTM D5185m 0 Magnesium ppm ASTM D5185m <1		Barium	ppm			<1		
Magnesium ppm ASTM D5185m <1		Molybdenum	ppm	ASTM D5185m		<1		
Calcium ppm ASTM D5185m 4 Phosphorus ppm ASTM D5185m 70		-	ppm					
Phosphorus ppm ASTM D5185m 70		_	ppm					
			ppm					
Zinc ppm ASTM D5185m 80		•	ppm					
			ppm					
Sulfur ppm ASTM D5185m 0								
Acid Number (AN) mg KOH/g ASTM D8045 0.59		, ,						
Visc @ 40°C	Pagest Id: UC IEMMES BALLICOADI 06150017 (Canavalad: 05/01/0004 00:04/05) Pagest	Visc @ 40°C	cSt	ASTM D445	Cant			







Certificate L2367

Laboratory Sample No.

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

Lab Number : 06159217 Unique Number : 10994640 Test Package : IND 2

: UCS06159217 Received **Tested** Diagnosed

: 25 Apr 2024

: 26 Apr 2024 - Jonathan Hester

: 24 Apr 2024

WEST FARGO, ND US 58078 Contact: DALE K

JEMCO-MAXAIR

dalek@jemco-maxair.com T: (701)281-0362

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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