WEAR CONTAMINATION **FLUID CONDITION**

NORMAL ABNORMAL NORMAL

JRE SHADE

1520 Component

Compressor

SOUTHERN COMPRESSOR ALL STOKE (--- GAL)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0929818		
Sample Date		Client Info		09 May 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				ABNORMAL		
Iron	mag	ASTM D5185m	>50	0		
			, 0			
Silver						
Aluminum			>15			
Lead				0		
Copper	ppm	ASTM D5185m	>65	0		
Tin	ppm			<1		
Vanadium	ppm	ASTM D5185m		0		
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
	ppm					
	ppm					
Emuisified water	scalar	"Visuai	>0.1	NEG		
Sodium	ppm	ASTM D5185m		<1		
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m		0		
Calcium	ppm	ASTM D5185m		0		
D: .	ppm	ASTM D5185m		6		
Phosphorus	1.1					
Phosphorus Zinc	ppm	ASTM D5185m		0		
		ASTM D5185m ASTM D5185m		0 1158		
Zinc	ppm					
	Test Sample Number Sample Date 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 Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	Test UOM 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 Silicon ppm Potassium ppm Water Silt scalar Debris scalar Sand/Dirt scalar Appearance scalar Codor scalar Emulsified Water scalar Sodium ppm Boron ppm Manganese ppm Magnesium ppm Magnesium ppm Magenesium ppm Magenesium ppm Magenesium ppm Magenesium ppm Magenesium ppm	Sample Number Sample Date Client Info Client Info Machine Age Nrs Client Info Oil Age Nrs Client Info Sample Status Iron ppm ASTM D5185m Chromium ppm ASTM D5185m Nickel ppm ASTM D5185m Titanium ppm ASTM D5185m Aluminum ppm ASTM D5185m Copper ppm ASTM D5185m Copper ppm ASTM D5185m Vanadium ppm ASTM D5185m Valual Silicon ppm ASTM D5185m Valual Scalar *Visual Appearance Scalar *Visual Sand/Dirt Scalar *Visual Appearance Scalar *Visual Sand/Dirt Scalar *Visual Appearance Scalar *Visual Appearance Scalar *Visual Appearance Odor scalar *Visual Sand/Dirt ASTM D5185m Boron Boron ppm ASTM D5185m ASTM D5185m Molybdenum ppm ASTM D5185m Manganese ppm ASTM D5185m Manganese ppm ASTM D5185m Manganesium ppm ASTM D5185m	Test UOM Method Limit/Abn Sample Number Sample Date Client Info Machine Age hrs Client Info Oil Age hrs Client Info Filter Age hrs Client Info Oil Changed Client Info Filter Changed Client Info Sample Status Iron ppm ASTM D5185m >50 Chromium ppm ASTM D5185m >65 Copper ppm ASTM D5185m >15 Lead ppm ASTM D5185m >65 Copper ppm ASTM D5185m >65 Tin ppm ASTM D5185m >65 Tin ppm ASTM D5185m >10 Vanadium ppm ASTM D5185m >20 Vanadium ppm ASTM D5185m >20 Vater WC Method >0.1 Silt scalar *Visual NONE Sand/Dirt scalar *Visual NONE Sand/Dirt scalar *Visual NONE Appearance scalar *Visual NONE Sand/Dirt Scalar *Visual NON	Test UOM Method Limit/Abn Current Sample Number Client Info WC0929818 Sample Date Client Info 09 May 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 Sample Status ABNORMAL Iron ppm ASTM D5185m >50 0 Chromium ppm ASTM D5185m >50 0 Chromium ppm ASTM D5185m >50 0 Nickel ppm ASTM D5185m >5 0 Nickel ppm ASTM D5185m >5 0 Aluminum ppm ASTM D5185m >65 0 Aluminum ppm ASTM D5185m >65 0 Copper ppm ASTM D5185m >10 <1	Test

Report Id: VIRHOU [WUSCAR] 06174679 (Generated: 05/13/2024 13:31:19) Rev: 1

Contact/Location: DAMON MCCLENAN - VIRHOU





Certificate L2367

Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC0929818 Lab Number : 06174679

Unique Number : 11020732

Test Package : MOB 2 (Additional Tests: TBN)

Received **Tested** Diagnosed

: 09 May 2024 : 13 May 2024 : 13 May 2024 - Sean Felton

1412 N SAM HOUSTON PKWY E, SUITE 100 HOUSTON, TX

US 77032 Contact: DAMON MCCLENAN dmcclenan@montaukenergy.com

MONTAUK ENERGY CAPITAL LLC (TEXAS) LP

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)

T: (713)781-1126 F: (713)781-1127 Contact/Location: DAMON MCCLENAN - VIRHOU