WEAR CONTAMINATION FLUID CONDITION

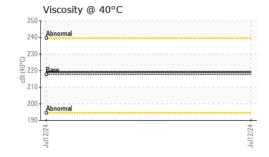
NORMAL NORMAL

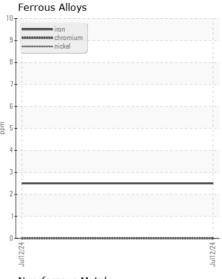
Ascendum Machinery
VOLVO SD115B R-04 (S/N 236316)

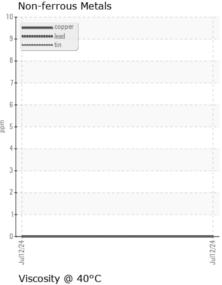
**Drum Eccentric Weight Housing** 

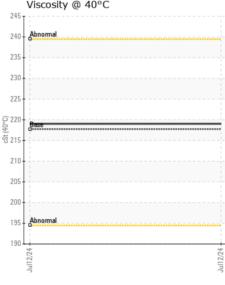
MOBIL SHC 630 (--- GAL)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ASC0009726		
Sample Date		Client Info		12 Jul 2024		
Machine Age	hrs	Client Info		3008		
Oil Age	hrs	Client Info		3008		
Filter Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Filter Changed		Client Info		None		
Sample Status				NORMAL		
			>2			
			>10			
			NONE			
Yellow Metal	scalar	*Visual	NONE	NONE		
Silicon	ppm	ASTM D5185m	>20	18		
Potassium	ppm	ASTM D5185m	>20	0		
Water		WC Method	>0.1	NEG		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Odor Emulsified Water		*Visual *Visual	NORML >0.1	NORML NEG		
Emulsified Water	scalar	*Visual		NEG		
Emulsified Water Sodium	scalar ppm	*Visual ASTM D5185m		NEG <1		
Emulsified Water Sodium Boron	scalar ppm ppm	*Visual ASTM D5185m ASTM D5185m		NEG <1 1		
Emulsified Water  Sodium  Boron  Barium	scalar ppm ppm ppm	*Visual  ASTM D5185m  ASTM D5185m  ASTM D5185m		NEG <1 1 0		
Emulsified Water  Sodium  Boron  Barium  Molybdenum	ppm ppm ppm ppm	*Visual  ASTM D5185m  ASTM D5185m  ASTM D5185m  ASTM D5185m		NEG <1 1 0		
Emulsified Water  Sodium  Boron  Barium  Molybdenum  Manganese	ppm ppm ppm ppm ppm	*Visual  ASTM D5185m  ASTM D5185m  ASTM D5185m  ASTM D5185m  ASTM D5185m		NEG <1 1 0 0		
Emulsified Water  Sodium  Boron  Barium  Molybdenum  Manganese  Magnesium	ppm ppm ppm ppm ppm ppm	*Visual  ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		NEG <1 1 0 0 0 0		
Emulsified Water  Sodium  Boron  Barium  Molybdenum  Manganese  Magnesium  Calcium	ppm ppm ppm ppm ppm ppm ppm	*Visual  ASTM D5185m		NEG <1 1 0 0 0 0 0		
Emulsified Water  Sodium  Boron  Barium  Molybdenum  Manganese  Magnesium  Calcium  Phosphorus	ppm ppm ppm ppm ppm ppm ppm ppm	*Visual  ASTM D5185m		<1 1 0 0 0 0 0 0 0 432		
Emulsified Water  Sodium  Boron  Barium  Molybdenum  Manganese  Magnesium  Calcium	ppm ppm ppm ppm ppm ppm ppm	*Visual  ASTM D5185m		NEG <1 1 0 0 0 0 0		
	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	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 Aluminum ppm Lead ppm Copper ppm Tin ppm Vanadium ppm White Metal scalar Yellow Metal scalar Silicon ppm Water Silt scalar Debris scalar Sand/Dirt scalar	Sample Number Sample Date Client Info Client Info Machine Age Nrs Client Info Client Info Oil Age Nrs Client Info Sample Status  Iron Opm ASTM D5185m Chromium Opm ASTM D5185m Nickel Opm ASTM D5185m Nickel Opm ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Copper Opm ASTM D5185m Copper Opm ASTM D5185m Vanadium Opm ASTM D5185m Valle Val	Sample Number Sample Date Client Info Machine Age hrs Client Info Oil Age hrs Client Info Client Info Client Info Client Info Filter Age hrs Client Info Client Info Client Info Client Info Filter Changed Client Info Sample Status  Iron ppm ASTM D5185m >2 Nickel ppm ASTM D5185m >2 Nickel ppm ASTM D5185m Silver ppm ASTM D5185m Silver ASTM D5185m ASTM D5185m  ALuminum ppm ASTM D5185m >2 Lead ppm ASTM D5185m >2 Copper ppm ASTM D5185m >2 Copper ppm ASTM D5185m >7 Tin ppm ASTM D5185m >7 Tin ppm ASTM D5185m >7 Tin ppm ASTM D5185m NONE Vanadium ppm ASTM D5185m  Vanadium ppm ASTM D5185m >7 Tin ppm ASTM D5185m NONE Silicon ppm ASTM D5185m Visual NONE Silicon ppm ASTM D5185m >20 Potassium NONE NONE	Sample Number         Client Info         ASC0009726           Sample Date         Client Info         12 Jul 2024           Machine Age         hrs         Client Info         3008           Oil Age         hrs         Client Info         3008           Filter Age         hrs         Client Info         0           Oil Changed         Client Info         Changed           Filter Changed         Client Info         None           Sample Status         NORMAL           Iron         ppm         ASTM D5185m         >100           Sample Status         2         0           Iron         ppm         ASTM D5185m         >100           Sample Status         >100         2           Chromium         ppm         ASTM D5185m         >2         0           Nickel         ppm         ASTM D5185m         >2         0           Titanium         ppm         ASTM D5185m         >2         0           Aluminum         ppm         ASTM D5185m         >2         0           Lead         ppm         ASTM D5185m         >7         0           Copper         ppm         ASTM D5185m         >7         0	Sample Number         Client Info         ASC0009726            Sample Date         Client Info         12 Jul 2024            Machine Age         hrs         Client Info         3008            Oil Age         hrs         Client Info         3008            Filter Age         hrs         Client Info         0            Oil Changed         Client Info         None            Filter Changed         Client Info         None            Sample Status         NORMAL            Iron         ppm         ASTM D5185m         >100         2            Sample Status         NORMAL











Certificate L2367

Report Id: CARCONVC [WUSCAR] 06236617 (Generated: 07/17/2024 13:16:11) Rev: 1

Laboratory Sample No.

: ASC0009726 Lab Number : 06236617 Unique Number : 11125451 Test Package : CONST

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 15 Jul 2024

**Tested** : 16 Jul 2024 Diagnosed : 17 Jul 2024 - Don Baldridge **CAROLINA EXCAVATING** 

1036 BRANCHVIEW DR, SUITE 106 CONCORD, NC

US 28025

Contact: KEVIN LADGERWOOD kevin@carlinaexcavation.com

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.

T:

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

F: