MOB ASCENDUM

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
Ascendum Machinery/500 Hour CSA
Machine Id
VOLVO EC250E 2255 (S/N 316228)
Component
Left Travel
Fluid
VOLVO PREMIUM GEAR OIL 85W-140 GL-5 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the fluid.

FLUID CONDITION

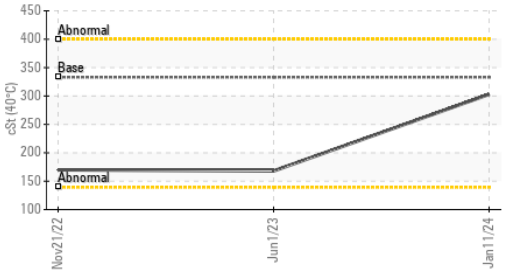
The condition of the fluid is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ASC0001614	VCP0005802	VCP0005209
Sample Date		Client Info		11 Jan 2024	01 Jun 2023	21 Nov 2022
Machine Age	hrs	Client Info		1405	1112	518
Oil Age	hrs	Client Info		293	594	518
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Changed	Changed
Filter Changed		Client Info		None	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
Iron	ppm	ASTM D5185m	>1200	146	359	223
Chromium	ppm	ASTM D5185m	>20	2	8	5
Nickel	ppm	ASTM D5185m	>5	0	1	<1
Titanium	ppm	ASTM D5185m		0	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>100	2	7	2
Lead	ppm	ASTM D5185m	>50	0	0	0
Copper	ppm	ASTM D5185m	>50	<1	0	<1
Tin	ppm	ASTM D5185m	>5	0	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	MODER	MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>100	13	32	16
Potassium	ppm	ASTM D5185m	>20	2	3	<1
Water		WC Method	>0.25	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.25	NEG	NEG	NEG
Sodium	ppm	ASTM D5185m		0	3	3
Boron	ppm	ASTM D5185m	111	165	0	<1
Barium	ppm	ASTM D5185m	0.0	3	0	0
Molybdenum	ppm	ASTM D5185m	0.9	0	1	<1
Manganese	ppm	ASTM D5185m	0.0	1	5	4
Magnesium	ppm	ASTM D5185m	39	0	2	0
Calcium	ppm	ASTM D5185m	93	4	54	17
Phosphorus	ppm	ASTM D5185m	920	1029	317	346
Zinc	ppm	ASTM D5185m	104	0	31	6
Sulfur	ppm	ASTM D5185m	20179	32180	16868	18475
Visc @ 40°C	cSt	ASTM D445	333	303	168	170

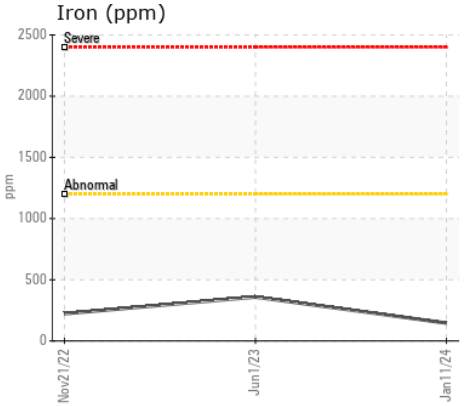
Report Id: TRIBUR [WUSCAR] 06063198 (Generated: 01/19/2024 14:12:09) Rev: 1

Submitted By: KARRINGTON RENDLEMAN

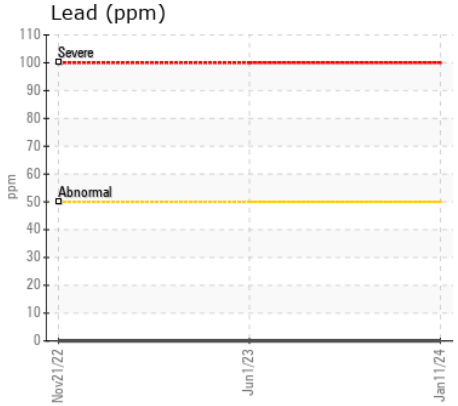
Viscosity @ 40°C



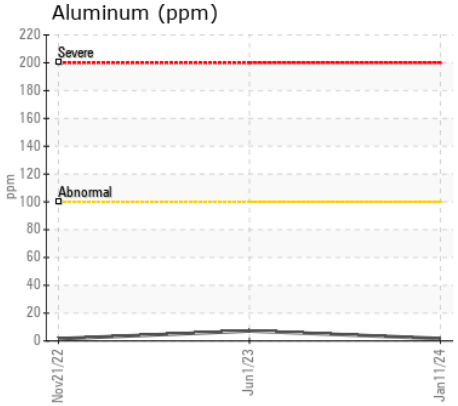
Iron (ppm)



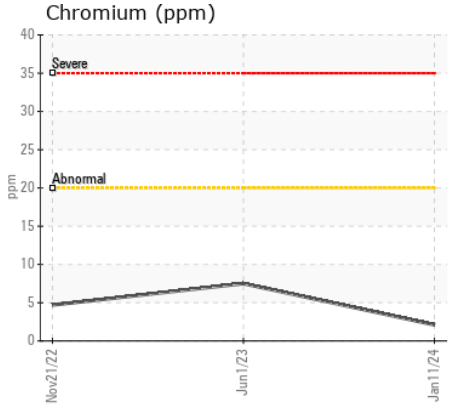
Lead (ppm)



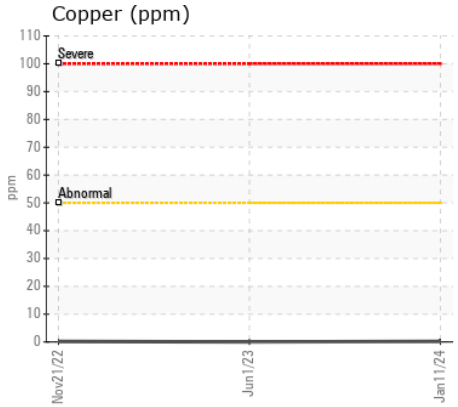
Aluminum (ppm)



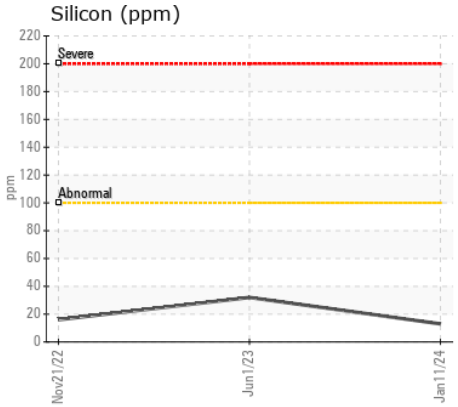
Chromium (ppm)



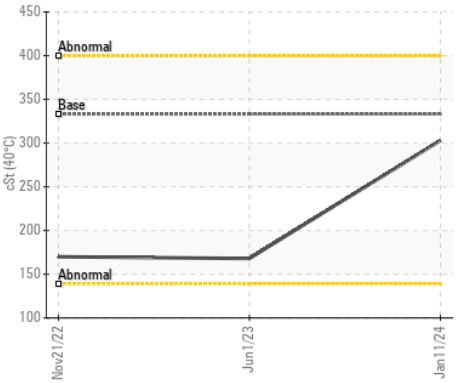
Copper (ppm)



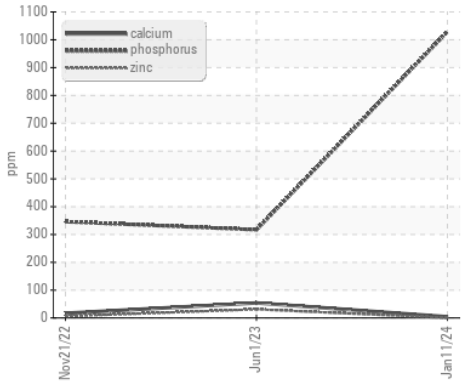
Silicon (ppm)



Viscosity @ 40°C



Additives



Certificate L2367

Laboratory	: WearCheck USA - 501 Madison Ave., Cary, NC 27513		
Sample No.	: ASC0001614	**Recieved**	: 17 Jan 2024
Lab Number	: 06063198	**Diagnosed**	: 19 Jan 2024
Unique Number	: 10834580	**Diagnostician**	: Don Baldridge
Test Package	: MOBCE		

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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