



VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Area

[SPM701405]

Machine Id

SENNEBOGEN 835ME 835.0.2718

Component

Left Swing Drive

Fluid

MOBIL SHC 630 (--- GAL)

RECOMMENDATION

We advise that you check for the source of water entry. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

Appearance is hazy. There is a moderate concentration of water present in the oil.

FLUID CONDITION

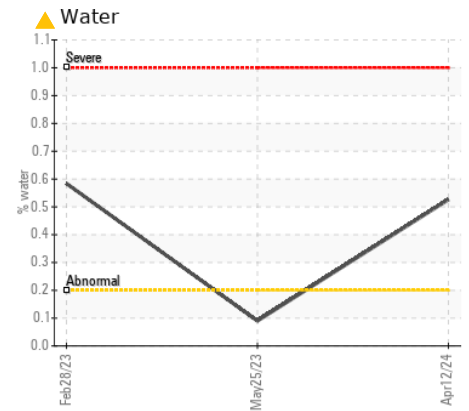
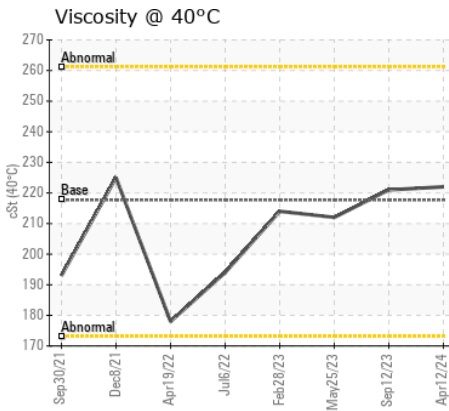
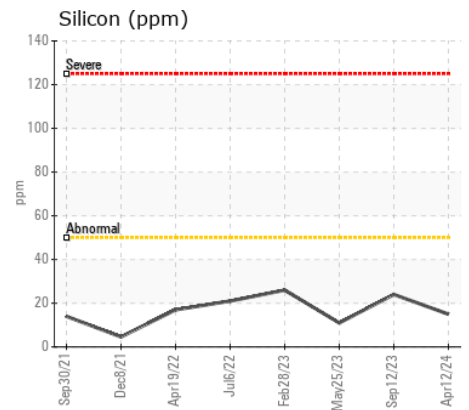
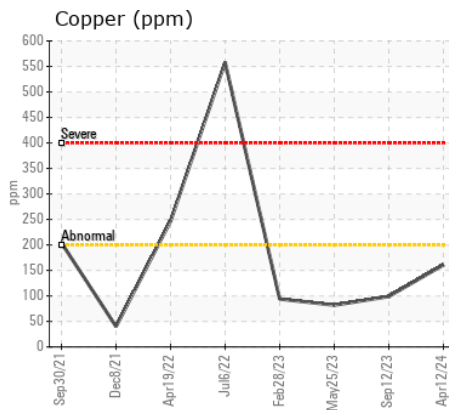
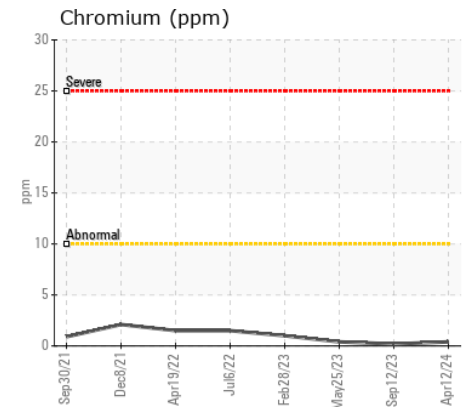
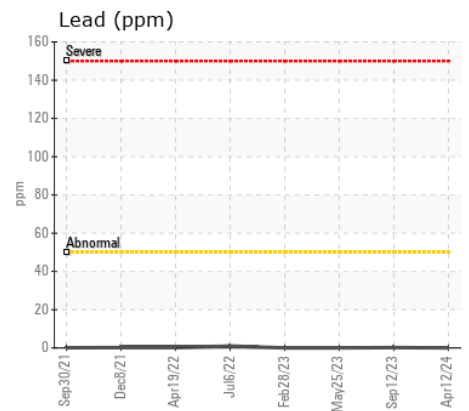
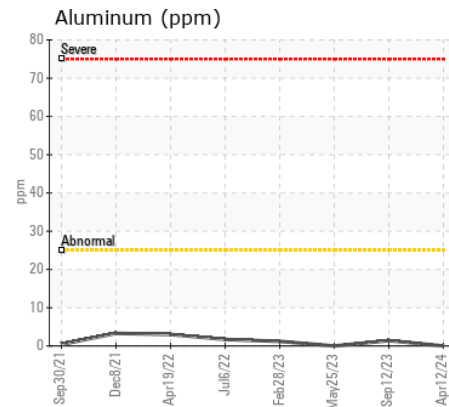
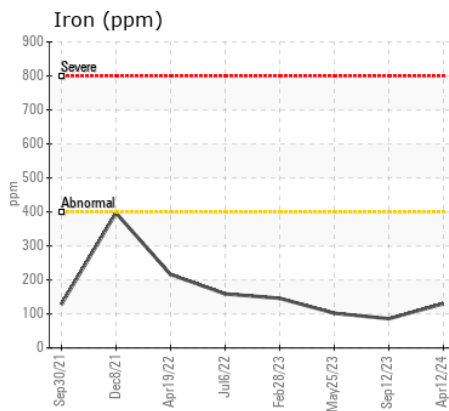
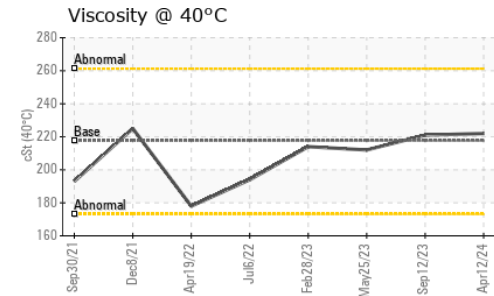
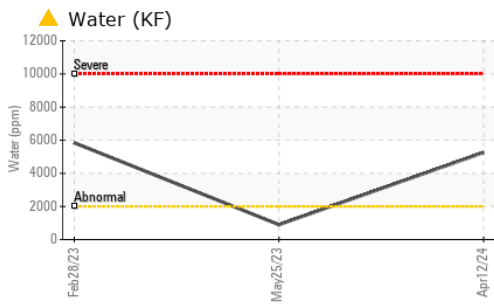
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP437968	VCP415012	VCP423381
Sample Date		Client Info		12 Apr 2024	12 Sep 2023	25 May 2023
Machine Age	hrs	Client Info		9760	8383	7855
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changed	Not Changed	Changed
Filter Changed		Client Info		Not Changed	Not Changed	Not Changed
Sample Status				ABNORMAL	NORMAL	ABNORMAL

Iron	ppm	ASTM D5185m	>400	130	86	102
Chromium	ppm	ASTM D5185m	>10	<1	<1	<1
Nickel	ppm	ASTM D5185m	>10	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	0	1	0
Lead	ppm	ASTM D5185m	>50	0	<1	0
Copper	ppm	ASTM D5185m	>200	161	99	82
Tin	ppm	ASTM D5185m	>10	5	5	3
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185m	>50	15	24	11
Potassium	ppm	ASTM D5185m	>20	0	<1	1
Water	%	ASTM D6304	>0.2	▲ 0.526	---	0.090
ppm Water	ppm	ASTM D6304	>2000	▲ 5260	---	900
Silt	scalar	*Visual	NONE	NONE	NONE	▲ HEAVY
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	● HAZY	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	0.2%	NEG	0.2%

Sodium	ppm	ASTM D5185m		0	0	0
Boron	ppm	ASTM D5185m		<1	3	0
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		1	<1	<1
Magnesium	ppm	ASTM D5185m		2	2	4
Calcium	ppm	ASTM D5185m		112	182	67
Phosphorus	ppm	ASTM D5185m		406	468	393
Zinc	ppm	ASTM D5185m		131	129	59
Sulfur	ppm	ASTM D5185m		1577	994	2117
Visc @ 40°C	cSt	ASTM D445	217.7	222	221	212



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : VCP437968 **Received** : 25 Apr 2024
Lab Number : 06160729 **Tested** : 30 Apr 2024
Unique Number : 10996152 **Diagnosed** : 30 Apr 2024 - Jonathan Hester
Test Package : MOB 1 (Additional Tests: KF)

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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)