



VOLVO

OIL ANALYSIS REPORT

WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
TAN TG290 185108707

Component
Rear Left Final Drive

Fluid
GEAR OIL SAE 85W140 (--- GAL)

RECOMMENDATION

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.

WEAR

Gear wear is indicated.

CONTAMINATION

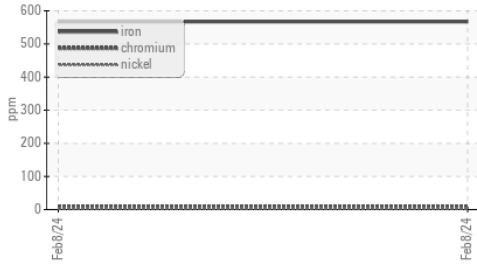
There is no indication of any contamination in the oil.

FLUID CONDITION

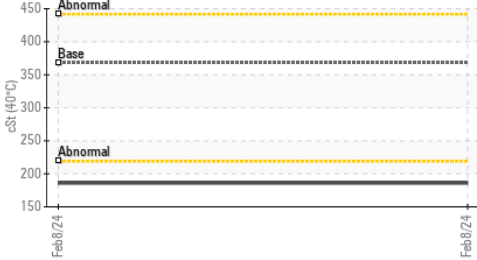
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP441316	---	---
Sample Date		Client Info		08 Feb 2024	---	---
Machine Age	hrs	Client Info		1390	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Not Changed	---	---
Sample Status				ABNORMAL	---	---
Iron	ppm	ASTM D5185m	>500	▲ 567	---	---
Chromium	ppm	ASTM D5185m	>10	10	---	---
Nickel	ppm	ASTM D5185m	>10	3	---	---
Titanium	ppm	ASTM D5185m		2	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>25	2	---	---
Lead	ppm	ASTM D5185m	>25	0	---	---
Copper	ppm	ASTM D5185m	>50	0	---	---
Tin	ppm	ASTM D5185m	>10	0	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	MODER	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Silicon	ppm	ASTM D5185m	>75	20	---	---
Potassium	ppm	ASTM D5185m	>20	16	---	---
Water		WC Method	>0.2	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	---	---
Emulsified Water	scalar	*Visual	>0.2	NEG	---	---
Sodium	ppm	ASTM D5185m		4	---	---
Boron	ppm	ASTM D5185m	400	42	---	---
Barium	ppm	ASTM D5185m	200	7	---	---
Molybdenum	ppm	ASTM D5185m	12	0	---	---
Manganese	ppm	ASTM D5185m		10	---	---
Magnesium	ppm	ASTM D5185m	12	1	---	---
Calcium	ppm	ASTM D5185m	150	14	---	---
Phosphorus	ppm	ASTM D5185m	1650	502	---	---
Zinc	ppm	ASTM D5185m	125	179	---	---
Sulfur	ppm	ASTM D5185m	22500	16122	---	---
Visc @ 40°C	cSt	ASTM D445	368	186	---	---

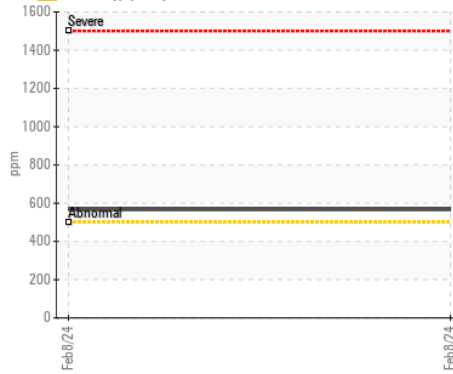
▲ Ferrous Alloys



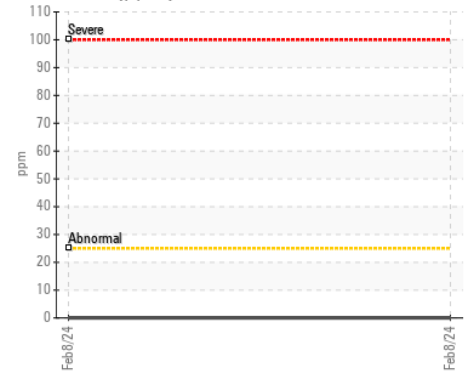
Viscosity @ 40°C



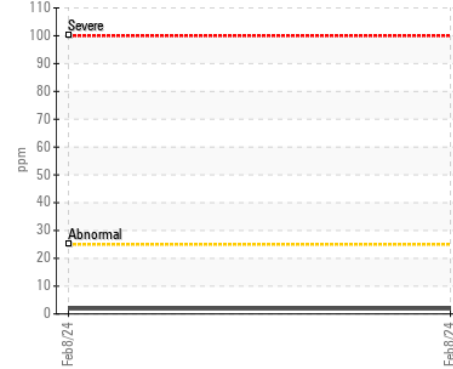
▲ Iron (ppm)



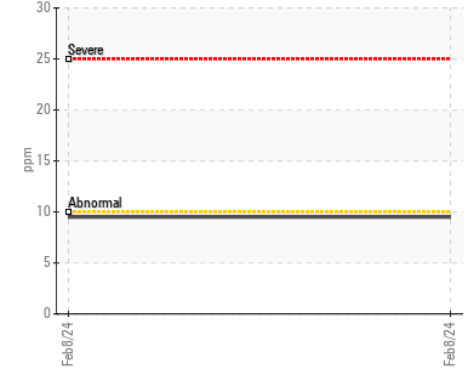
Lead (ppm)



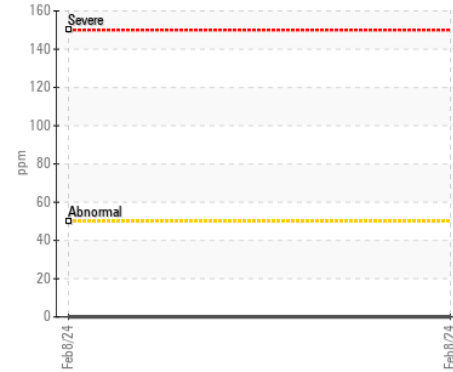
Aluminum (ppm)



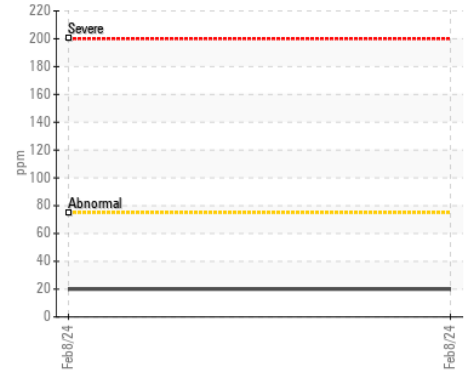
Chromium (ppm)



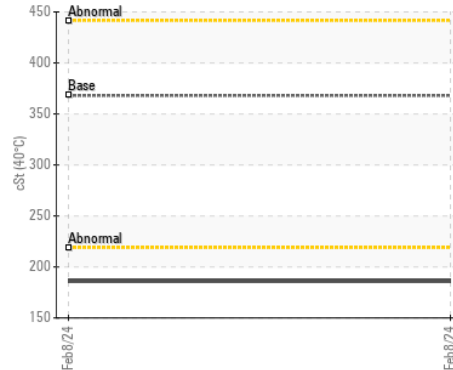
Copper (ppm)



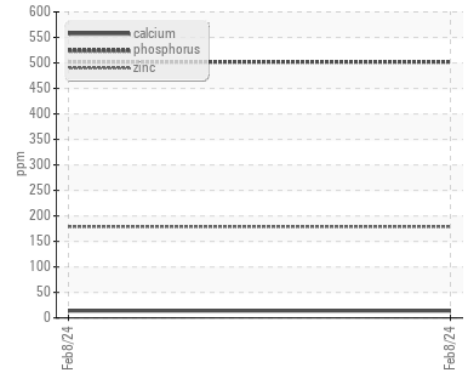
Silicon (ppm)



Viscosity @ 40°C



Additives



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
 Sample No. : VCP441316
 Lab Number : 06088373
 Unique Number : 10875818
 Test Package : MOBCE

Received : 13 Feb 2024
 Tested : 14 Feb 2024
 Diagnosed : 15 Feb 2024 - Jonathan Hester

ALTA EQUIPMENT COMPANY
 5151 DR MARTIN LUTHER KING BLVD
 FORT MYERS, FL
 US 33905
 Contact: TODD LARK
 tlark@altaequipfl.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.

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

T:
 F: (239)481-3302