CONSTRUCTION EQUIPMENT
VOLVO A40G 352349 - TRANSMISSION (AUTO)

Sample No: VCP405245
Oil Type: MOBIL ATF
Job No:

SCHILDBERG CONSTRUCTION COMPANY
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GREENFIELD, IA
US 50849
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SAMPLE INFORMATION

Sample Number		**VCP405245**	VCP342182	VCP406803	VCP385077
Sample Date		**29 Aug 2023**	06 Jun 2023	22 Mar 2023	06 Dec 2022
Machine Hours		**5785**	5215	4695	4173
Oil Hours		**570**	520	522	446
Oil Changed		**Changed**	Changed	Changed	Changed
Sample Status		**NORMAL**	NORMAL	ABNORMAL	NORMAL

OIL CONDITION

Visc @ 40°C	cSt	**28.0**	30.3	29.7	29.7

CONTAMINATION

Silicon	ppm	**3**	4	3	3
Sodium	ppm	**4**	4	2	2
Potassium	ppm	**<1**	<1	0	0

WEAR METALS

Iron	ppm	**8**	12	10	9
Copper	ppm	**16**	15	15	16
Lead	ppm	**0**	0	0	0
Tin	ppm	**2**	3	1	0
Aluminum	ppm	**7**	8	6	5
Chromium	ppm	**0**	<1	0	0
Molybdenum	ppm	**0**	2	1	1
Nickel	ppm	**2**	4	2	3
Titanium	ppm	**0**	0	0	0
Silver	ppm	**0**	0	0	0
Manganese	ppm	**<1**	<1	<1	<1
Vanadium	ppm	**0**	0	0	0

ADDITIVES

Calcium	ppm	**178**	325	192	169
Magnesium	ppm	**7**	19	10	12
Zinc	ppm	**30**	100	50	43
Phosphorus	ppm	**255**	334	247	273
Barium	ppm	**0**	0	0	0
Boron	ppm	**97**	126	114	112

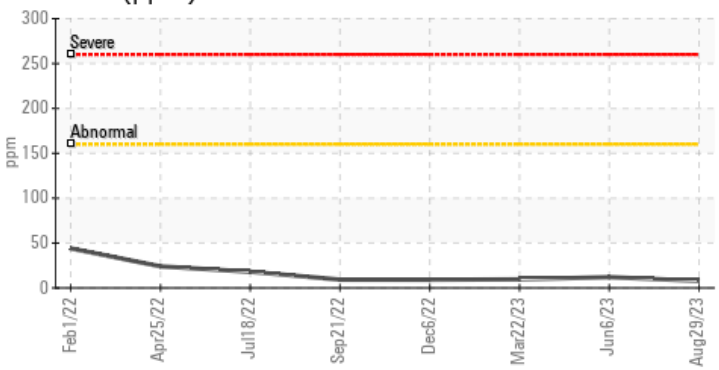
Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

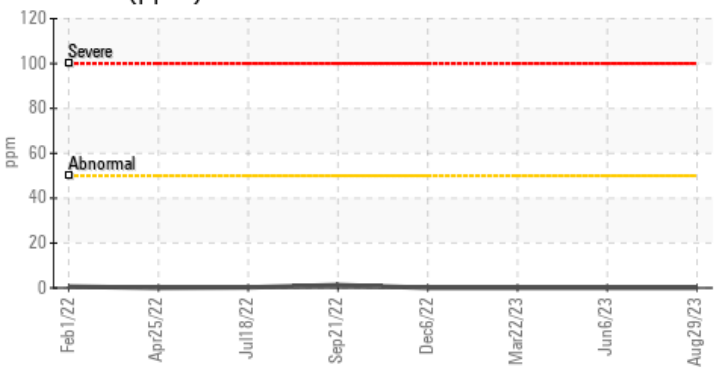
Depot: SCHGRE
Unique No: 10634563
Signed: Wes Davis
Report Date: 08 Sep 2023

GRAPHS

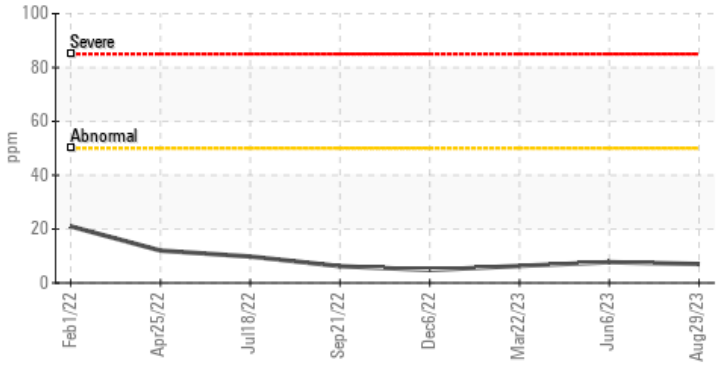
Iron (ppm)



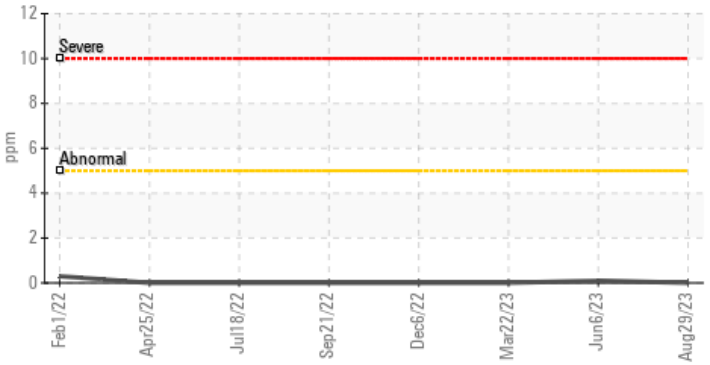
Lead (ppm)



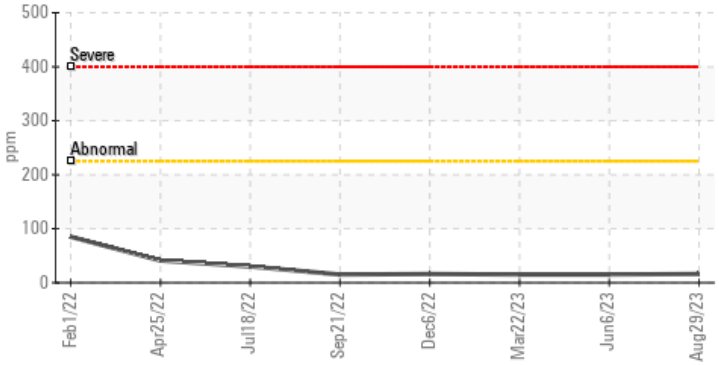
Aluminum (ppm)



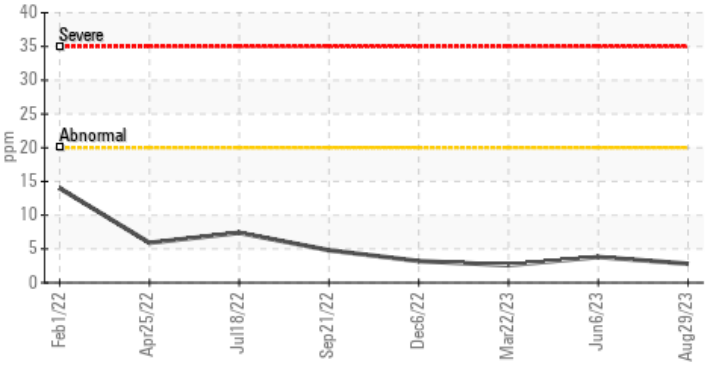
Chromium (ppm)



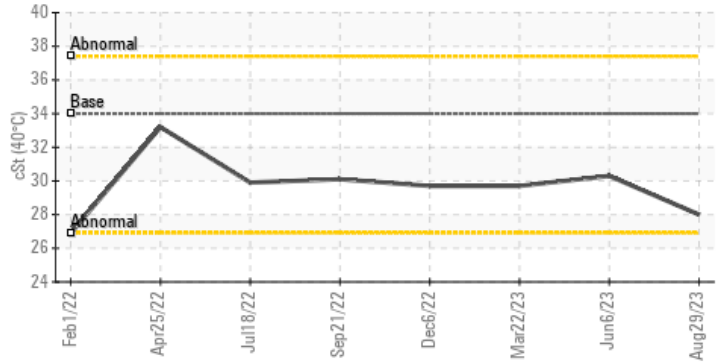
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



Additives