



RICHARD LEWIS 505843 VOLVO PENTA 3195000602 - STARBOARD IPS

Sample No: VPA056199

Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5

SAMPLE INFORM <i>e</i>	TION				
Sample Number		VPA056199	VPA037092	VPA031696	VPA023514
Sample Date		27 Mar 2024	14 Feb 2022	30 Sep 2020	17 Mar 2020
Machine Hours		1326	1250	1250	1150
Oil Hours		0	75	122	70
Oil Changed		Changed	Changed	Changed	Changed
Sample Status		NORMAL	NORMAL	NORMAL	NORMAL
OIL CONDITION					
Visc @ 40°C	cSt	■109	107	□ 105	□104
CONTAMINATION					
Water	%	NEG	NEG	NEG	□0.134
Silicon	ppm	2	<1	1	1
Sodium	ppm		3	1	- <1
Potassium	ppm	2	0	0	0
WEAR METALS					
PQ		18	■18	1 8	2 0
Iron	ppm	10	1 4	1 0	1 2
Copper	ppm	2	2	1	1
Lead	ppm	<1	0	0	<1
Tin	ppm	1	0	0	<1
Aluminum	ppm	2	<1	<1	0
Chromium	ppm	■ <1	0	< 1	< 1
Molybdenum	ppm	1	0	0	<1
Nickel	ppm	■ <1	0	< 1	 <1
Titanium	ppm	<1	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	■ <1	- <1	< 1	<1
Vanadium	ppm	<1	0	<1	0
ADDITIVES					
Calcium	ppm	12	□10	1 0	7
Magnesium	ppm	■3	- <1	□0	<1
Zinc	ppm	2	- <1	5	4
Phosphorus	ppm	1406	1 444	1222	1338
Barium	ppm	□ 0	0	□0	0
Boron	ppm	■327	■366	292	280

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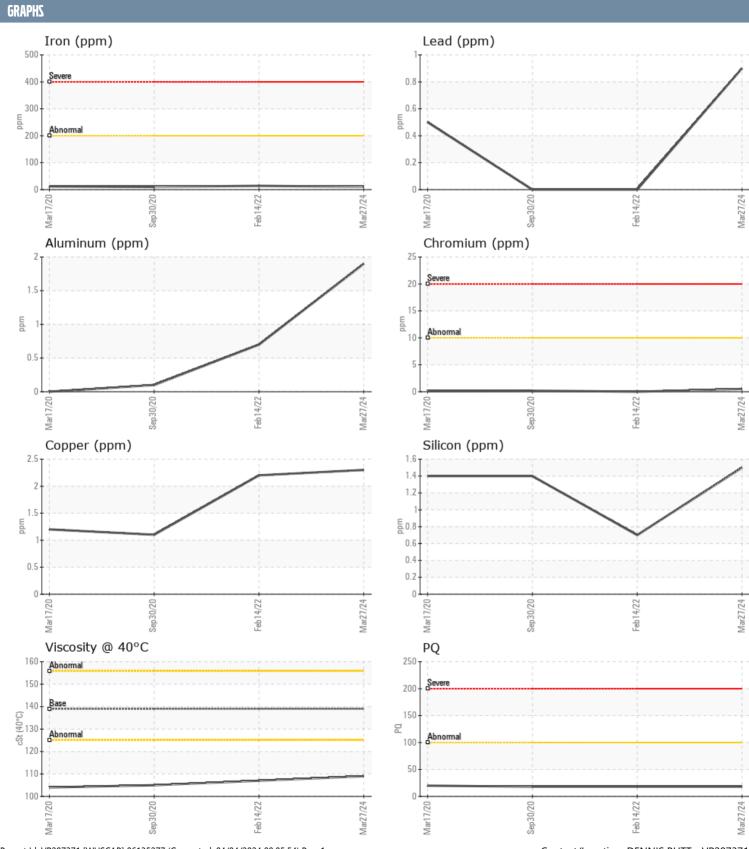
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Diagnosis

Depot: VP297371
Unique No: 10954742
Signed: Jonathan Hester
Report Date: 04 Apr 2024

OIL ANALYSIS REPORT





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