OIL ANALYSIS REPORT

NADINE URCIUOLI MATT OLSON VOLVO PENTA MATT OLSON (S/N NOT GIVEN) - TRANSMISSION (AUTO)

Sample No: VPA062263

Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102

SAMPLE INFORM	IATION				
Sample Number		VPA062263	 		_
Sample Date		24 Jun 2024	 		Helmuts Marine Service
Machine Hours		4627	 		619 Canal Street
Oil Hours		4627	 		SAN RAFAEL, CA
Oil Changed		Changed	 		US 94901-3545
Sample Status		NORMAL	 		Contact: NADINE URCIUOLI
					SERVICE@HELMUTSMARINE.COM
OIL CONDITION					T: x: F: x:
Visc @ 40°C	cSt	24.0	 		— F. X.
CONTAMINATION	N				Diagnosis
CONTAMINATION					Resample at the next service interv
Water	%	NEG	 		to monitor.All component wear ra are normal. There is no indication any contamination in the oil. The
Silicon	ppm	3	 		
Sodium	ppm	3	 		
Potassium	ppm	4	 		condition of the oil is acceptable for
WEAR METALS					the time in service.
PQ		21	 		
Iron	ppm	18	 		
Copper	ppm	6	 		
Lead	ppm	0	 		
Tin	ppm	0	 		
Aluminum	ppm	1	 		
Chromium	ppm	0	 		
Molybdenum	ppm	0	 		
Nickel	ppm	1	 		
Titanium	ppm	0	 		
Silver	ppm	0	 		
Manganese	ppm	 <1	 		
Vanadium	ppm	0	 		
ADDITIVES					
Calcium	ppm	81	 		
Magnesium	ppm	 <1	 		
Zinc	ppm	0	 		
Phosphorus	ppm	243	 		
Barium	ppm	0	 		
Boron	ppm	109	 		

 Depot:
 VP152741

 Unique No:
 11101979

 Signed:
 Don Baldridge

 Report Date:
 01 Jul 2024

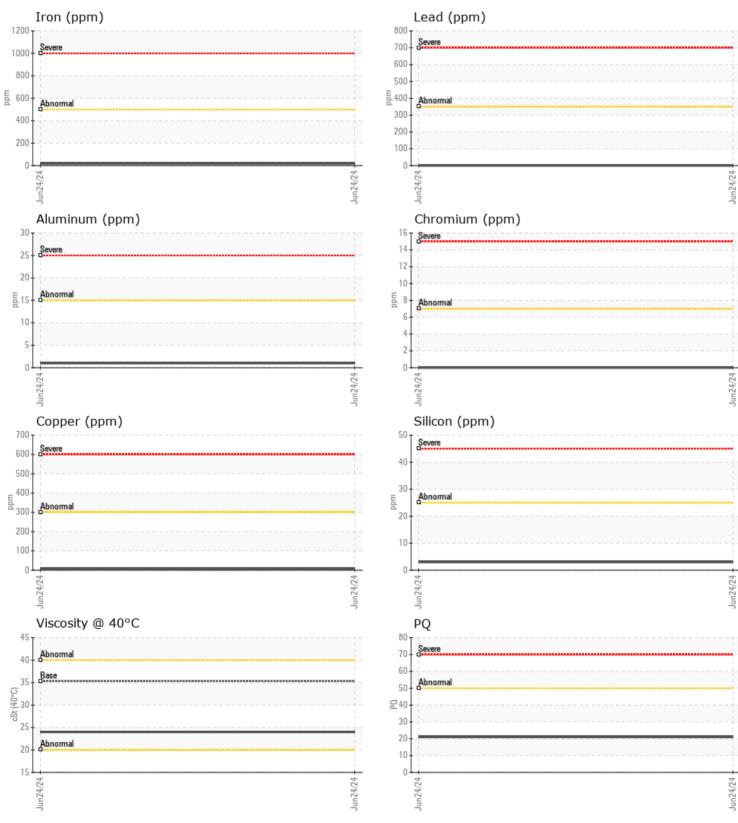
 t/Location:
 NADINE
 URCH OIL
 VP152741

Contact/Location: NADINE URCIUOLI - VP152741

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP152741 [WUSCAR] 06223782 (Generated: 07/01/2024 16:19:48) Rev: 1

Contact/Location: NADINE URCIUOLI - VP152741