OIL ANALYSIS REPORT

39400015348 - PORT IPS

Sample No: VPA056280

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORM	ATION			
Sample Number		VPA056280	VPA056147	
Sample Date		11 Aug 2023	03 Jul 2023	
Machine Hours		1053	1026	
Oil Hours		0	0	
Oil Changed		N/A	N/A	
Sample Status		ABNORMAL	SEVERE	
OIL CONDITION				
Visc @ 40°C	cSt	102.2	103	
CONTAMINATION				
Water	%	0.784		
Silicon	ppm	20	22	
Sodium	ppm	91	93	
Potassium	ppm	4	4	
WEAR METALS		31	□31	
Iron	ppm	▲ 377	▲ 395	
Copper	ppm	▲ 38	▲ 37	
Lead	ppm	<1	<1	
Tin	ppm	0	0	
Aluminum	ppm	5	7	
Chromium	ppm	2	3	
Molybdenum	ppm	□-	□ <1	
Nickel	ppm	3	4	
Titanium	ppm	<1	<1	
Silver	ppm	<1	<1	
Manganese	ppm	4	4	
Vanadium	ppm	0	<1	
ADDITIVES				
Calcium	ppm	9	1 2	
Magnesium	ppm	1 3	▲ 11	
Zinc	ppm	4 1	34	
Phosphorus	ppm	1417	1468	
Barium	ppm	2	0	
Boron	ppm	311	327	



ADVANCED DIESEL

1029 INDUSTRIAL BLVD, UNIT 2 NAPLES, FL US 34104 Contact: KEITH SPICER keith_advanceddiesel@yahoo.com T: (239)580-8731

Diagnosis

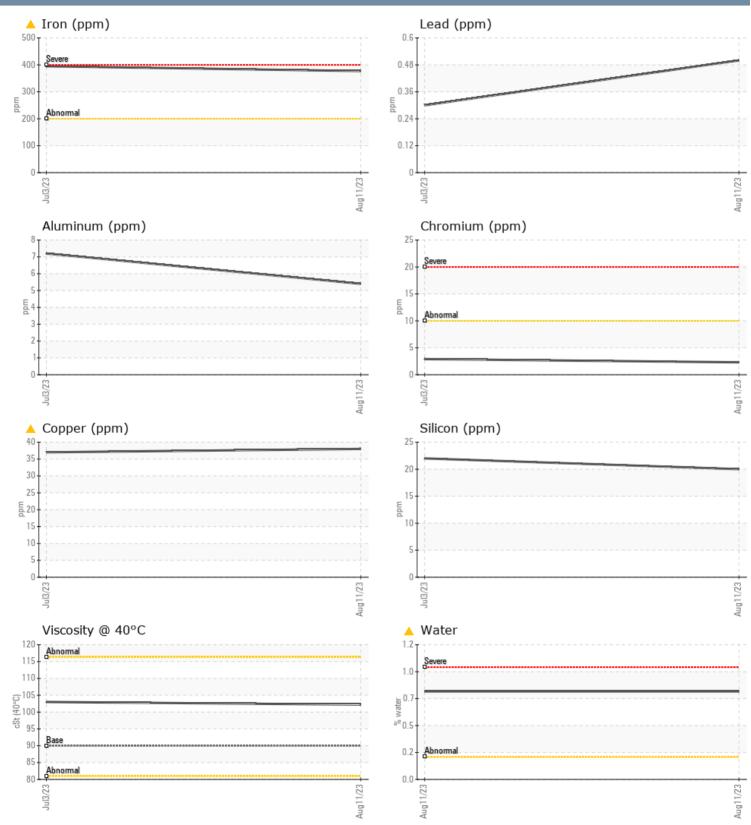
We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. Resample at the next service interval to monitor.Gear wear is indicated. There is a moderate concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot:VPADVNAPUnique No:10603821Signed:Doug BogartReport Date:14 Aug 2023

OIL ANALYSIS REPORT



GRAPHS



Report Id: VPADVNAP [WUSCAR] 05923874 (Generated: 08/14/2023 16:43:10) Rev: 1

Contact/Location: KEITH SPICER - VPADVNAP