



## JOHN SALTSMAN 7718925 VOLVO PENTA 3102221257 - STERNDRIVE - CENTER GEARBOX

Sample No: VPA044652

Oil Type: VOLVO API GL-5 SAE 75W90

Sample Number	SAMPLE INFORM	IATION			
Sample Date   15 Feb 2024		INTION			
Machine Hours       1673					
Oil Hours         0	•				
Oil Changed Sample Status         Changed ABNORMAL					
Sample Status					
OIL CONDITION           CONTAMINATION           Water         %         ▲ 0.430	•		_		
Visc @ 40°C   CSt	Sample Status		ABNORMAL	 	
CONTAMINATION  Water %	OIL CONDITION				
Water       %       ▲ 0.430	Visc @ 40°C	cSt	<b>106</b>	 	
Silicon       ppm       88 <t< td=""><td>CONTAMINATION</td><td>1</td><td></td><td></td><td></td></t<>	CONTAMINATION	1			
Silicon       ppm       88 <t< td=""><td>Water</td><td>%</td><td><u></u></td><td> </td><td></td></t<>	Water	%	<u></u>	 	
Sodium	Silicon		<b>■8</b>	 	
Potassium         ppm         3              WEAR METALS           PQ         22               Iron         ppm         51               Copper         ppm         1	Sodium		_	 	
WEAR METALS           PQ         22              Iron         ppm         51              Copper         ppm         1              Lead         ppm         0              Tin         ppm         1              Aluminum         ppm         1              Chromium         ppm         0              Molybdenum         ppm         0              Mickel         ppm         1              Silver         ppm         0              Manganese         ppm         4              Vanadium         ppm         0              ADDITIVES               Calcium         ppm         14	Potassium		3	 	
PQ	WEAR METALS				
Iron			<b>-</b> 22		
Copper       ppm       1            Lead       ppm       0            Tin       ppm       <1	-	nnm	<del></del>		
Lead       ppm       0					
Tin ppm					
Aluminum       ppm       1            Chromium       ppm       0            Molybdenum       ppm       0            Nickel       ppm       0            Titanium       ppm       0            Silver       ppm       4            Manganese       ppm       0            Vanadium       ppm       0            ADDITIVES         Calcium       ppm       14            Magnesium       ppm       14            Zinc       ppm       12            Phosphorus       ppm       1355            Barium       ppm       0					
Chromium       ppm       <1					
Molybdenum         ppm         0					
Nickel         ppm         1 <td></td> <td></td> <td></td> <td></td> <td></td>					
Titanium         ppm         0              Silver         ppm         0              Manganese         ppm         4              Vanadium         ppm         0              ADDITIVES           Calcium         ppm         1              Magnesium         ppm         14              Zinc         ppm         12              Phosphorus         ppm         1355              Barium         ppm         0					
Silver         ppm         0              Manganese         ppm         4              Vanadium         ppm         0              ADDITIVES           Calcium         ppm         1              Magnesium         ppm         14              Zinc         ppm         12              Phosphorus         ppm         1355              Barium         ppm         0			_		
Manganese         ppm         4					
Vanadium         ppm         0              ADDITIVES           Calcium         ppm         1              Magnesium         ppm         14              Zinc         ppm         12              Phosphorus         ppm         1355              Barium         ppm         0					
ADDITIVES  Calcium ppm 1  Magnesium ppm 14  Zinc ppm 12  Phosphorus ppm 1355  Barium ppm 0	-		_		
Calcium         ppm         1              Magnesium         ppm         14              Zinc         ppm         12              Phosphorus         ppm         1355              Barium         ppm         0		ррпп			
Magnesium         ppm         14              Zinc         ppm         12              Phosphorus         ppm         1355              Barium         ppm         0	ADDITIVES				
Zinc         ppm         12              Phosphorus         ppm         1355              Barium         ppm         0	Calcium	ppm	<b>1</b>	 	
Phosphorus         ppm         1355              Barium         ppm         0	Magnesium	ppm	<b>1</b> 4	 	
Barium ppm <b>0</b>	Zinc	ppm	<b>12</b>	 	
	Phosphorus	ppm	<b>1355</b>	 	
Boron ppm <b>272</b>	Barium	ppm	<b>0</b>	 	
	Boron	ppm	<b>272</b>	 	

## Pacific Power Group - VP981534

7215 S 228th St Kent, WA US 98032 Contact: PAT RYAN pryan@pacificpowergroup.com T: (253)520-5163 F:

## Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

 Depot:
 VP99031103

 Unique No:
 10889276

 Signed:
 Sean Felton

 Report Date:
 23 Feb 2024

## **OIL ANALYSIS REPORT**



