## **OIL ANALYSIS REPORT**

## JAMES DAVIS 810911M VOLVO PENTA 3950005901 - PORT IPS

Sample No: VPA044828

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORM	ΔΤΙΩΝ				
Sample Number	ATION	VPA044828	VPA044839		
Sample Date		28 Jul 2023	11 Jan 2023		
Machine Hours		174	146		
Oil Hours		30	62		
Oil Changed		N/A	Changed		
Sample Status		NORMAL	NORMAL		
Sumple Status		NORMAL	NORMAL	_	
OIL CONDITION					
Visc @ 40°C	cSt	<b>104</b>	105		
CONTAMINATION					
Silicon	ppm	<1	2		
Sodium	ppm		2		
Potassium		<1	2		
FUIdSSIUIII	ppm				
WEAR METALS					
PQ		<b>1</b> 0	4		
Iron	ppm	<b>4</b>	10		
Copper	ppm	0	3		
Lead	ppm	0	<1		
Tin	ppm	0	0		
Aluminum	ppm	0	<1		
Chromium	ppm	0	0		
Molybdenum	ppm	0	□ <1		
Nickel	ppm	0	<u> </u>		
Titanium	ppm	0	0		
Silver	ppm	0	0		
Manganese	ppm		<1		
Vanadium	ppm	0	0		
ADDITIVES					
Calcium	ppm	<b>4</b>	33		
Magnesium	ppm	<b>11</b>	95		
Zinc	ppm	0	4		
Phosphorus	ppm	<b>1350</b>	1401		
Barium	ppm	0	0		
Boron	ppm	314	331		

#### Power Products Systems LLC

432 Warren Avenue, 432 Warren Ave. PORTLAND, ME US 04103 Contact: Victor Barr meservice@nedda.com T: (207)797-5950 F:

### Diagnosis

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

Depot:	VP153549		
Unique No:	10590774		
Signed:	Sean Felton		
Report Date:	09 Aug 2023		

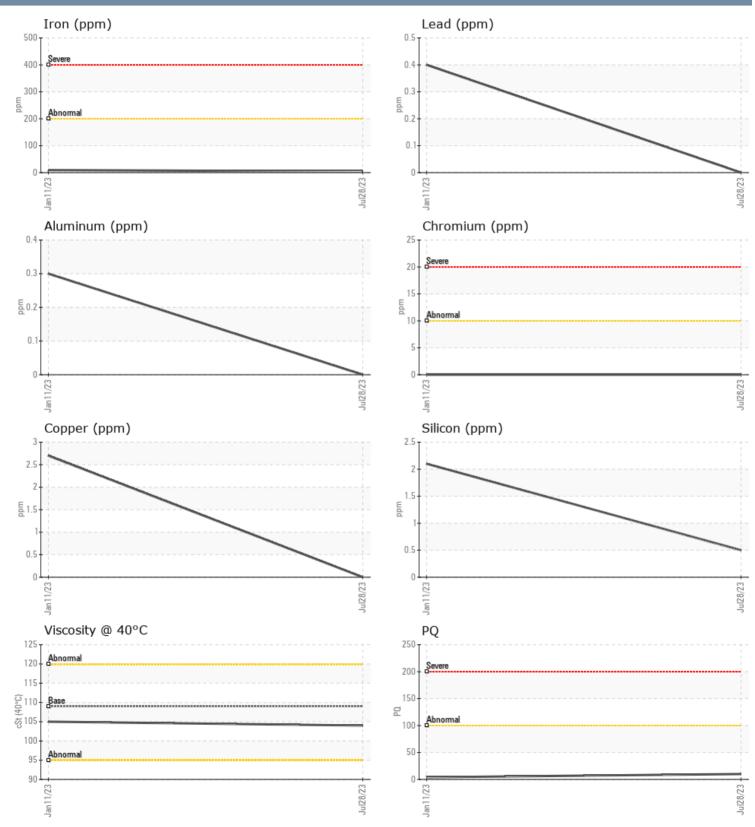
Contact/Location: Victor Barr - VP153549



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#### GRAPHS



Report Id: VP153549 [WUSCAR] 05918860 (Generated: 08/09/2023 14:20:11) Rev: 1

Contact/Location: Victor Barr - VP153549