OIL ANALYSIS REPORT

GENE DORN GREG E. VOLVO PENTA 3200003533 - STARBOARD IPS

Sample No: VPA058563

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORM	ATION			
Sample Number		VPA058563	VPA056257	
Sample Date		26 Jun 2024	30 Jun 2023	
Machine Hours		168	40	
Oil Hours		127	40	
Oil Changed		Changed	Changed	
Sample Status		ATTENTION	NORMAL	
OIL CONDITION				
Visc @ 40°C	cSt	99.9	102	
CONTAMINATION				
Water	%	NEG	NEG	
Silicon	ppm	2	4	
Sodium	ppm	1 0	4	
Potassium	ppm	5	8	
WEAR METALS				
PQ		23	1 6	
Iron	ppm	104	20	
Copper	ppm	9 30	8	
Lead	ppm	0	0	
Tin	ppm	0	0	
Aluminum	ppm	4	<1	
Chromium	ppm	0	0	
Molybdenum	ppm	0	0	
Nickel	ppm	2	0	
Titanium	ppm	0	0	
Silver	ppm	0	0	
Manganese	ppm	4	3	
Vanadium	ppm	0	0	
ADDITIVES				
Calcium	ppm	1 1	20	
Magnesium	ppm	84	970	
Zinc	ppm	16	0	
Phosphorus	ppm	1438	1607	
Barium	ppm	0	0	
Boron	ppm	250	738	

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hange at the time of g has been noted. No ve action is recommended at e. Resample at the next nterval to monitor.The level is abnormal. All other ent wear rates are normal. no indication of any nation in the oil. The n of the oil is acceptable for in service.

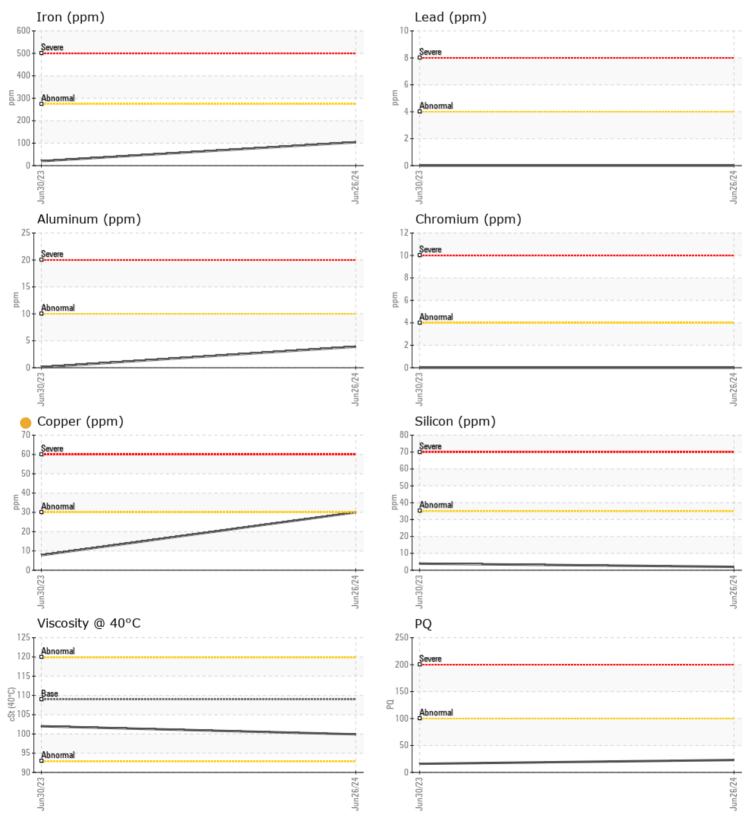
Depot: VP648685 Unique No: 11111362 Signed: Don Baldridge Report Date: 07 Jul 2024 Contact/Location: SEAN CARDOW - VP648685



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GRAPHS



Report Id: VP648685 [WUSCAR] 06227869 (Generated: 07/08/2024 07:19:07) Rev: 1

Contact/Location: SEAN CARDOW - VP648685