OIL ANALYSIS REPORT

GORDON HAYES R100-23014 F3940028990 - STARBOARD IPS

Sample No: VPA041257

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number		VPA041257	 	
Sample Date		13 Dec 2023	 	 CULLEN
Machine Hours		6	 	 9300 192
Oil Hours		6	 	 SURREY,
Oil Changed		Not Changd	 	 CA V4N
Sample Status		NORMAL	 	 Contact:
				mns@cu
OIL CONDITION				T: (604)8 F:
Visc @ 40°C	cSt	105	 	 г.
CONTAMINATION				Diagno
				Resamp
Water	%	NEG	 	 to moni
Silicon	ppm	3	 	 type, an
Sodium	ppm	□ <1	 	 next sar
Potassium	ppm	2	 	 rates are
WEAR METALS				indication the oil.
PQ		0	 	 oil is wit investiga
Iron	ppm	1 0	 	 accepta
Copper	ppm	2	 	
Lead	ppm	<1	 	
Tin	ppm	0	 	
Aluminum	ppm	<1	 	
Chromium	ppm	0	 	
Molybdenum	ppm	2	 	
Nickel	ppm	■<1	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	<1	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	45	 	
Magnesium	ppm	56	 	
Zinc	ppm	48	 	
Phosphorus	ppm	1397	 	
Barium	ppm	0	 	
Boron	ppm	271	 	



CULLEN DIESEL POWER - 695335 300 192 ST URREY, BC CA V4N 3R8 Contact: Michelle Sayers nns@cullendiesel.com C (604)888-1211

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.All component wear rates are normal. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 75W90 range, advise investigate. The condition of the oil is acceptable for the time in service.

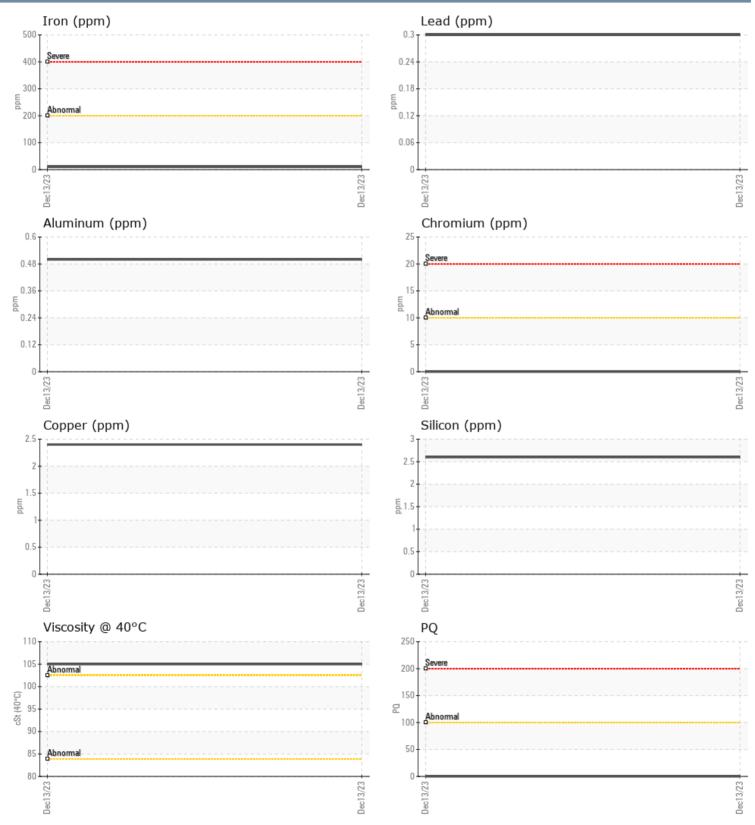
Depot:CULSURUnique No:5697788Signed:Kevin MarsonReport Date:21 Dec 2023

Contact/Location: Michelle Sayers - CULSUR

OIL ANALYSIS REPORT



GRAPHS



Report Id: CULSUR [WCAMIS] 02604703 (Generated: 12/21/2023 15:58:50) Rev: 1

Contact/Location: Michelle Sayers - CULSUR