OIL ANALYSIS REPORT

REED KOCH 502043 CATERPILLAR 5T9144 - INBOARD - STARBOARD GEARBOX

Sample No: VPA055773

Oil Type: NOT GIVEN

SAMPLE INFORMATION

						1
Sample Number		VPA055773				Endor Marine LLC - Coastal Marine - 152124
Sample Date		17 Jul 2023				4300 11th Ave. NW
Machine Hours		5489				SEATTLE, WA
Oil Hours		0				US 98107
Oil Changed		Not Changd				
Sample Status		NORMAL				Contact: WILLOW YANARELLA
						service@coastalmarineengine.com
OIL CONDITION						T: (206)784-3703
Visc @ 40°C	cSt	89.2				F: (206)784-8823
CONTAMINATION	N					Diagnosis
						Resample at the next service interval
Silicon	ppm	1 2				to monitor.All component wear rates are normal. The wear metal levels do
Sodium	ppm	3				
Potassium	ppm	0				not reflect any damage. There is no
WEAR METALS						indication of any contamination in
WEAR METALS						the oil. The condition of the oil is
PQ		18				acceptable for the time in service.
Iron	ppm	13				
Copper	ppm	4				
Lead	ppm	59				
Tin	ppm	■ <1				
Aluminum	ppm	0				
Chromium	ppm	0				
Molybdenum	ppm	49				
Nickel	ppm	0				
Titanium	ppm	<1				
Silver	ppm	0				
Manganese	ppm	<1				
Vanadium	ppm	<1				
ADDITIVES						
Calcium	ppm	3772				
Magnesium	ppm	20				
Zinc	ppm	1178				
Phosphorus	ppm	1047				
Barium	ppm	0				
Boron	ppm	498				

VOLVO PENTA

 Depot:
 VP794951

 Unique No:
 10564852

 Signed:
 Jonathan Hester

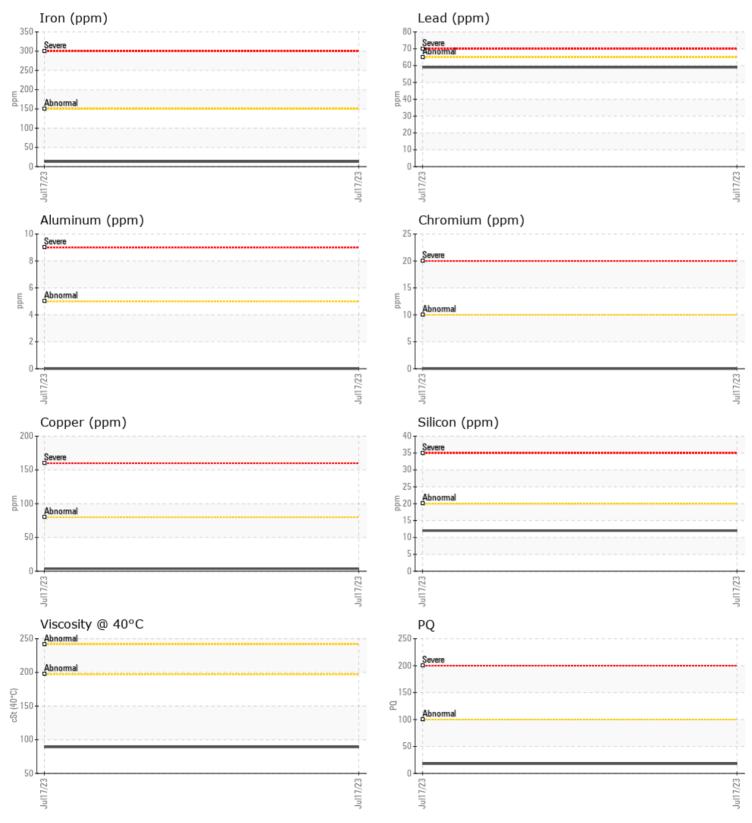
 Report Date:
 24 Jul 2023

Contact/Location: WILLOW YANARELLA - VP794951

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP794951 [WUSCAR] 05903496 (Generated: 07/24/2023 15:50:11) Rev: 1

Contact/Location: WILLOW YANARELLA - VP794951