OIL ANALYSIS REPORT

SMITH MERCURY 2B791722 - OUTBOARD LOWER UNIT - PORT GEARBOX

Sample No: VPA045589

Oil Type: MERCURY 90 HD

SAMPLE INFORMATION

Sample Date 12 Dec 2023 Machine Hours 101 Oil Hours 20 Oil Changed Not Changd	Walstrom Marine - 767948 501 Bay Street HARBOR SPRINGS, MI US 49740 Contact: MARK LEWIS mlewis@walstrom.com
Sample Date 12 Dec 2023 Machine Hours 101 Oil Hours 20 Oil Changed Not Changd	501 Bay Street HARBOR SPRINGS, MI US 49740 Contact: MARK LEWIS
Nachine Hours Ioi Oil Hours 20 Oil Changed Not Changd	HARBOR SPRINGS, MI US 49740 Contact: MARK LEWIS
Oil Hours 20 Oil Changed Not Changd	US 49740 Contact: MARK LEWIS
Oil Changed Not Changd	Contact: MARK LEWIS
Sample Status Alleniion	mlewis@walstrom.com
	T:
Visc @ 40°C cSt 157	F:
CONTAMINATION	Diagnosis
	No corrective action is recommende
Water % NEG	at this time. We recommend an earl
	resample to monitor this
Sodium ppm 0	condition.Gear wear is indicated.
Potassium ppm 0	There is no indication of any
WEAR METALS	contamination in the oil. The condition of the oil is acceptable for
PQ 19	the time in service.
Iron ppm 🔺 305	
Copper ppm 1	
Lead ppm 2	
Tin ppm 0	
Aluminum ppm 5	
Chromium ppm 1	
Molybdenum ppm 33	
Nickel ppm 6	
Titanium ppm 0	
Silver ppm 0	
Manganese ppm 1	
Vanadium ppm <1	
ADDITIVES	
Calcium ppm 0	
Magnesium ppm 0	
Zinc ppm 0	
Phosphorus ppm 157	
Barium ppm 0	
Boron ppm 5	



 Depot:
 VP154879

 Unique No:
 10796032

 Signed:
 Jonathan Hester

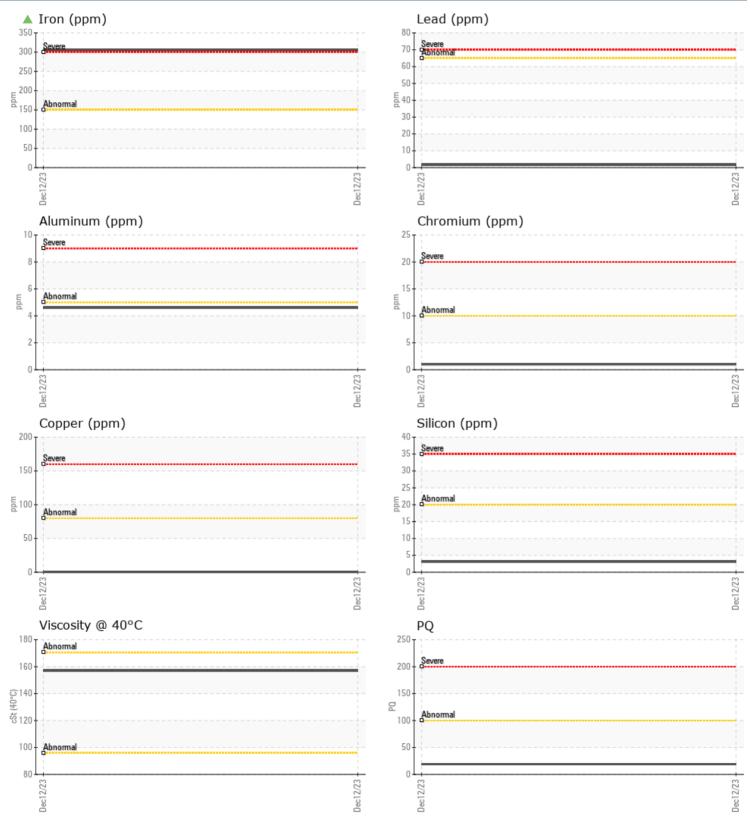
 Report Date:
 22 Dec 2023

Contact/Location: MARK LEWIS - VP154879

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP154879 [WUSCAR] 06040803 (Generated: 12/22/2023 12:38:49) Rev: 1

Contact/Location: MARK LEWIS - VP154879