OIL ANALYSIS REPORT

AUTO WORLD 354004 ZF 20133358 - INBOARD - PORT GEARBOX

Sample No: VPA055559

Oil Type: SAE 30W

SAMPLE INFORMATION

Sample Number		VPA055559				
Sample Date		30 Jan 2024				Skipper Marine of Ohio, LLC
Machine Hours		774				6801 E. Harbor Rd.
Oil Hours		64				MARBLEHEAD, OH
Oil Changed		Changed				US 43440
Sample Status		NORMAL				Contact: D LAKE
						dlake@skipperbuds.com
OIL CONDITION						T:
Vier @ 40%C	-6+	— 02.0				F:
Visc @ 40°C	cSt	92.9				_
CONTAMINATIO	N					Diagnosis
						Resample at the next service interv
Water	%	NEG				to monitor.All component wear rate
Silicon	ppm	6				are normal. There is no indication of
Sodium	ppm	0				any contamination in the oil. The
Potassium	ppm	∎1				condition of the oil is acceptable for
WEAR METALS						the time in service.
PQ		1 2				
Iron	ppm	8				
Copper	ppm	6				
Lead	ppm	 <1				
Tin	ppm	_<1				
Aluminum	ppm	_<1				
Chromium	ppm	<1				
Molybdenum	ppm	4 2				
Nickel	ppm	<1				
Titanium	ppm	■<1				
Silver	ppm	0				
Manganese	ppm	■ <1				
Vanadium	ppm	0				
ADDITIVES						
Calcium	ppm	1441				_
Magnesium	ppm	665				
Zinc	ppm	1084				
Phosphorus	ppm	868				
Barium	ppm	0				
Boron	ppm	28				
	1. 1					

 Depot:
 VP494046

 Unique No:
 10860675

 Signed:
 Don Baldridge

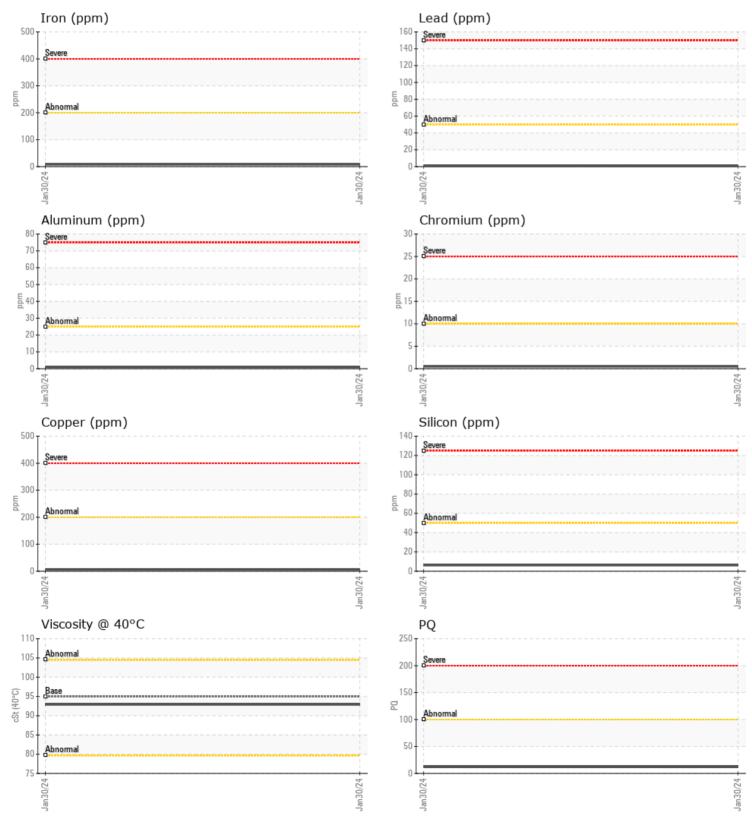
 Report Date:
 05 Feb 2024

Contact/Location: D LAKE - VP494046

OIL ANALYSIS REPORT



GRAPHS



Report Id: VP494046 [WUSCAR] 06078584 (Generated: 02/08/2024 08:05:52) Rev: 1

Contact/Location: D LAKE - VP494046