

OIL ANALYSIS REPORT



SCOTT GLAZEBROOK 7717402 ZF 50630640922 - INBOARD - CENTER GEARBOX

Sample No: VPA055141

Oil Type: CHEVRON AUTOMATIC TRANS FLUID MD-3

SAMPLE INFORMATION

Sample Number	VPA055141	VPA046497	VPA028591	VPA027005
Sample Date	19 Oct 2023	14 Feb 2023	12 Nov 2021	26 Sep 2019
Machine Hours	0	2374	2301	2127
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	27.6	27.0	27.2	25.6
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CONTAMINATION

Silicon	ppm	1	3	2	4
Sodium	ppm	3	2	<1	<1
Potassium	ppm	0	0	0	2

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

PQ		12	20	19	24
Iron	ppm	2	11	15	22
Copper	ppm	3	4	10	16
Lead	ppm	0	1	6	17
Tin	ppm	0	0	0	<1
Aluminum	ppm	<1	<1	1	2
Chromium	ppm	0	0	0	<1
Molybdenum	ppm	0	<1	<1	<1
Nickel	ppm	<1	0	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0

ADDITIVES

Calcium	ppm	7	18	6	8
Magnesium	ppm	13	7	<1	0
Zinc	ppm	0	16	<1	6
Phosphorus	ppm	145	148	147	153
Barium	ppm	0	0	0	8
Boron	ppm	59	61	55	59

Depot: VP99031103
Unique No: 10722989
Signed: Don Baldrige
Report Date: 01 Nov 2023

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GRAPHS

