



CONSTRUCTION EQUIPMENT

SPM700133 SENNEBOGAN 825M 825.0.3415 - REAR RIGHT FINAL DRIVE



Sample No: VCP413906
Oil Type: GEAR OIL SAE 80W90
Job No: SPM700133



SAMPLE INFORMATION

Sample Number	VCP413906	VCP415072	VCP418526	VCP410848
Sample Date	12 Apr 2024	25 Aug 2023	08 May 2023	09 Mar 2023
Machine Hours	8667	7037	6085	5539
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Changed	Not Chngd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

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OIL CONDITION

Visc @ 40°C	cSt	196	174	171	170
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	20	14	18	18
Sodium	ppm	<1	4	2	0
Potassium	ppm	0	0	1	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

Iron	ppm	111	18	29	27
Copper	ppm	40	4	3	3
Lead	ppm	0	0	0	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	1	1	<1	2
Chromium	ppm	0	<1	<1	<1
Molybdenum	ppm	2	<1	1	1
Nickel	ppm	0	0	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	3	2	3	3
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	2219	2396	2351	2374
Magnesium	ppm	25	31	20	20
Zinc	ppm	999	985	1016	993
Phosphorus	ppm	847	853	865	840
Barium	ppm	1	<1	0	0
Boron	ppm	10	20	18	21

Depot: ALLCHIL
Unique No: 10990323
Signed: Sean Felton
Report Date: 24 Apr 2024



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GRAPHS

