



CONSTRUCTION EQUIPMENT

N11907 CON ED CASE 590SN NNC782727 - FRONT AXLE



Sample No: VCP320281
Oil Type: CNH IND TRANS AXLE 80W140
Job No: N11907 CON ED



SAMPLE INFORMATION

Sample Number	VCP320281	---	---	---
Sample Date	28 Jun 2024	---	---	---
Machine Hours	272	---	---	---
Oil Hours	272	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

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OIL CONDITION

Visc @ 40°C	cSt	█ 183	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 21	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 3	---	---	---

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	█ 63	---	---	---
Copper	ppm	█ 37	---	---	---
Lead	ppm	█ 2	---	---	---
Tin	ppm	█ 3	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	6	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	3616	---	---	---
Magnesium	ppm	18	---	---	---
Zinc	ppm	1276	---	---	---
Phosphorus	ppm	1085	---	---	---
Barium	ppm	1	---	---	---
Boron	ppm	8	---	---	---

Depot: HOFBRO
Unique No: 11103047
Signed: Wes Davis
Report Date: 02 Jul 2024



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GRAPHS

