

JOHN DEERE 344P 077050 Component Front Left Final Drive

GEAR OIL SAE 80W90 (--- QTS)

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.

WEAR

All component wear rates are normal.

CONTAMINATION

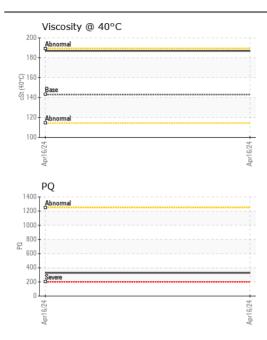
There is no indication of any contamination in the oil.

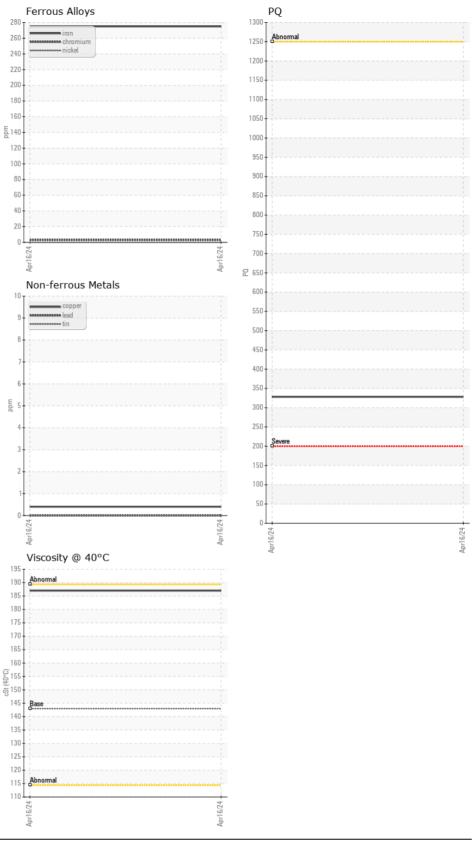
FLUID CONDITION

The condition of the oil is acceptable for the time in service.

Test UOM Method Limit/Ab Current History1 History2 Sample Number Client Info I6 Apr 2024 Machine Age hrs Client Info 0 Oil Age hrs Client Info 0 Filter Age hrs Client Info 0 Oil Changed Client Info N/A Filter Age hrs Client Info N/A Sample Status Client Info N/A Filter Age pm ASTM D5185 >750 275 Filter Mage ppm ASTM D5185 >10 0 Roronum ppm ASTM D5185 >10 0 Aluminum ppm ASTM D5185 >40 <1 Aluminum							
Sample Date Client Info 16 Apr 2024 Machine Age hrs Client Info 404 Oil Age hrs Client Info 0 Filter Age hrs Client Info N/A Filter Changed Client Info N/A Filter Changed Client Info N/A Sample Status Client Info N/A PQ ASTM D5185 >1250 328 Iron ppm ASTM D5185 >9 3 Chromium ppm ASTM D5185 >10 0 Silver ppm ASTM D5185 >40 1 Aluminum ppm ASTM D5185 >40 Aluminum ppm ASTM D5185 >10 0	Test	UOM	Method	Limit/Abn	Current	History1	History2
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Emulsified Waterscalar*Visual>0.075NEGSodiumppmASTM D5185m>1704BoronppmASTM D5185m400<1BariumppmASTM D5185m200<1MolybdenumppmASTM D5185m120ManganeseppmASTM D5185m123MagnesiumppmASTM D5185m15032PhosphorusppmASTM D5185m16502377ZincppmASTM D5185m12559SulfurppmASTM D5185m2250027008	Appearance	scalar	*Visual	NORML	NORML		
Sodium ppm ASTM D5185m >170 4 Boron ppm ASTM D5185m 400 <1 Barium ppm ASTM D5185m 200 <1 Barium ppm ASTM D5185m 200 <1 Molybdenum ppm ASTM D5185m 12 0 Manganese ppm ASTM D5185m 12 3 Magnesium ppm ASTM D5185m 12 3 Calcium ppm ASTM D5185m 150 32 Phosphorus ppm ASTM D5185m 1650 2377 Zinc ppm ASTM D5185m 125 59 Sulfur ppm ASTM D5185m 22500 27008	Odor	scalar	*Visual	NORML	NORML		
Boron ppm ASTM D5185m 400 <1	Emulsified Water	scalar	*Visual	>0.075	NEG		
Barium ppm ASTM D5185m 200 <1	Sodium	ppm	ASTM D5185m	>170	4		
Barium ppm ASTM D5185m 200 <1	Boron	ppm	ASTM D5185m	400	<1		
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Calcium ppm ASTM D5185m 150 32 Phosphorus ppm ASTM D5185m 1650 2377 Zinc ppm ASTM D5185m 125 59 Sulfur ppm ASTM D5185m 22500 27008	Manganese	ppm	ASTM D5185m		3		
Phosphorus ppm ASTM D5185m 1650 2377 Zinc ppm ASTM D5185m 125 59 Sulfur ppm ASTM D5185m 22500 27008	Magnesium	ppm	ASTM D5185m	12	3		
Zinc ppm ASTM D5185m 125 59 Sulfur ppm ASTM D5185m 22500 27008	Calcium	ppm	ASTM D5185m	150	32		
Sulfur ppm ASTM D5185m 22500 27008	Phosphorus	ppm	ASTM D5185m	1650	2377		
	Zinc	ppm	ASTM D5185m	125	59		
Visc @ 40°C cSt ASTM D445 143 187	Sulfur	ppm	ASTM D5185m	22500	27008		
	Visc @ 40°C	cSt	ASTM D445	143	187		

Contact/Location: NICK GALLAHER - JAMGRE





Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 **JRE - GREENSBORO** Sample No. Received 411 SOUTH REGIONAL ROAD : JR0213559 : 17 Apr 2024 Lab Number : 06152261 Tested GREENSBORO, NC : 19 Apr 2024 Diagnosed Unique Number : 10982339 : 19 Apr 2024 - Wes Davis US 27409 Test Package : CONST (Additional Tests: PQ) Contact: NICK GALLAHER Certificate L2367 NGALLAHER@JRENET.COM To discuss this sample report, contact Customer Service at 1-800-237-1369. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (336)668-2762 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (336)665-9556

Contact/Location: NICK GALLAHER - JAMGRE Page 2 of 2