

Machine Id JOHN DEERE 748L 1DW748LBHPL717148 Component Front Differential

JOHN DEERE HY-GARD HYD/TRANS (--- GAL)

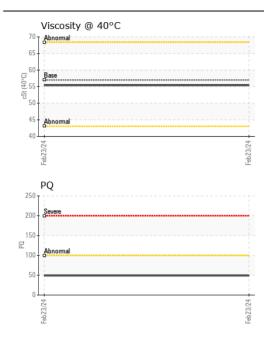
FECOMMENDATIONTestUOMMethodLim/AbnCurrentHistory1Resample at the next service interval to monitor.Sample DateClient Info23 Feb 2024Sample DateClient Info23 Feb 2024Glient Info36 Feb 2024Machine AgehrsClient Info0585Glient Info0Filter AgehrsClient Info00Glient Info0Oil ChargedClient InfoClient Info0Glient Info0Oil ChargedClient InfoClient Info0Glient InfoClient InfoOil ChargedInfoClient InfoClient InfoClient InfoClient InfoAll component wear rates are normal.PQASTM D818449NickelppmASTM D5185>500121NickelppmASTM D5185>10<1NickelppmASTM D5185>10<1AluminumppmASTM D5185>1016NickelppmASTM D5185>1016VenadiumppmASTM D5185>1016NoneNoneNoneNoneNoneNoneVenadiumppmASTM D5185>101None<	History2
Besample at the field solution interval to information Sample Date Client Info 23 Feb 2024	
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WEAR PQ ASTM D8184 49 All component wear rates are normal. iron ppm ASTM D5185m >500 121 Chromium ppm ASTM D5185m >10 <1 Nickel ppm ASTM D5185m >10 <1 Nickel ppm ASTM D5185m >10 <1 Nickel ppm ASTM D5185m >10 <1 Silver ppm ASTM D5185m <2 2 Aluminum ppm ASTM D5185m >25 2 Aluminum ppm ASTM D5185m >25 3 Copper ppm ASTM D5185m >100 16 Vanadium ppm ASTM D5185m >10 1 Veito Metal scalar "Visual NONE NONE Veitow Metal scalar "Visual NONE NONE	
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Chromium ppm ASTM D5185m >10 <1 Nickel ppm ASTM D5185m >10 <1 Titanium ppm ASTM D5185m >10 <1 Silver ppm ASTM D5185m <1 Aluminum ppm ASTM D5185m <1 Aluminum ppm ASTM D5185m >25 2 Lead ppm ASTM D5185m >25 3 Copper ppm ASTM D5185m >100 16 Tin ppm ASTM D5185m >100 16 Vanadium ppm ASTM D5185m >100 1 Vanadium ppm ASTM D5185m >10 1 Vellow Metal scalar *Visual NONE NONE Vellow Metal scalar *Visual NONE NONE There is no indication of any contamination in the oil. Silicon ppm ASTM D5185m <th> </th>	
Titanium ppm ASTM D5185m < <1 Silver ppm ASTM D5185m < 0 Aluminum ppm ASTM D5185m >25 2 Lead ppm ASTM D5185m >25 3 Copper ppm ASTM D5185m >100 16 Tin ppm ASTM D5185m >100 16 Vanadium ppm ASTM D5185m >100 11 Vanadium ppm ASTM D5185m >100 11 Vanadium ppm ASTM D5185m >100 11 Vanadium ppm ASTM D5185m >10 1 Vellow Metal scalar *Visual NONE NONE Yellow Metal scalar *Visual NONE NONE There is no indication of any contamination in the oil. Potassium ppm ASTM D5185m >20 1	
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Copper ppm ASTM D5185m >100 16 Tin ppm ASTM D5185m >10 1 Vanadium ppm ASTM D5185m >10 1 Vanadium ppm ASTM D5185m >10 1 White Metal scalar *Visual NONE NONE Yellow Metal scalar *Visual NONE NONE There is no indication of any contamination in the oil. Silicon ppm ASTM D5185m >20 1	
Tin ppm ASTM D5185m >10 1 Vanadium ppm ASTM D5185m 0 White Metal scalar *Visual NONE NONE Yellow Metal scalar *Visual NONE Silicon ppm ASTM D5185m >75 8 There is no indication of any contamination in the oil. Potassium ppm ASTM D5185m >20 1	
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Yellow Metal scalar *Visual NONE NONE CONTAMINATION Silicon ppm ASTM D5185m >75 8 There is no indication of any contamination in the oil. Potassium ppm ASTM D5185m >20 1	
CONTAMINATION Silicon ppm ASTM D5185m >75 8 There is no indication of any contamination in the oil. Potassium ppm ASTM D5185m >20 1	
There is no indication of any contamination in the oil. Potassium ppm ASTM D5185m >20 1	
There is no indication of any contamination in the oil. Potassium ppm ASTM D5185m >20 1	
There is no indication of any contamination in the oil.	
Silt scalar *Visual NONE NONE	
Debris scalar *Visual NONE NONE	
Sand/Dirt scalar *Visual NONE NONE	
Appearance scalar *Visual NORML NORML	
Odor scalar *Visual NORML NORML	
Emulsified Water scalar *Visual >.2 NEG	
FLUID CONDITION Sodium ppm ASTM D5185m 6	
The condition of the oil is acceptable for the time in service. Boron ppm ASTM D5185m 6 2	
Barium ppm ASTM D5185m 0 4	
Molybdenum ppm ASTM D5185m 0 0	
Manganese ppm ASTM D5185m 6	
Magnesium ppm ASTM D5185m 145 101	
Calcium ppm ASTM D5185m 3570 3455	
Phosphorus ppm ASTM D5185m 1290 1085	
Zinc ppm ASTM D5185m 1640 1219	
Sulfur ppm ASTM D5185m 3909	

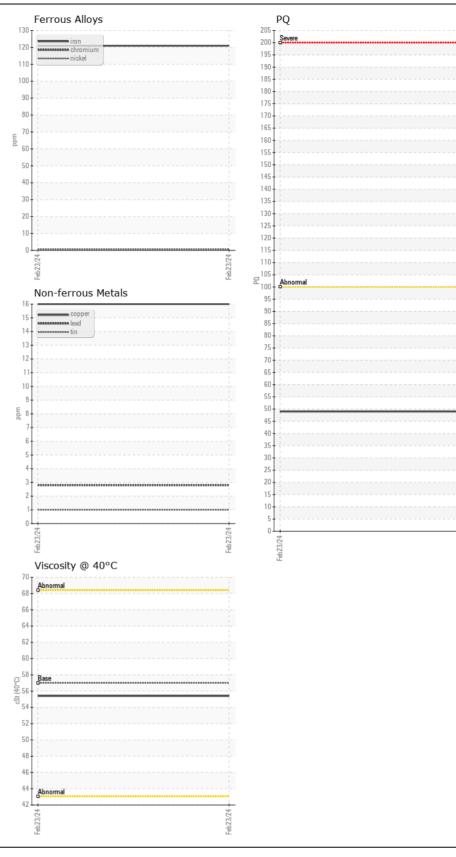
Visc @ 40°C cSt

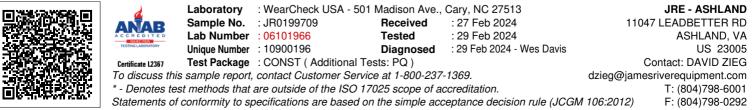
ASTM D445 57.0

Contact/Location: DAVID ZIEG - JAMASH

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Contact/Location: DAVID ZIEG - JAMASH

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