

Store 9 - Marietta

JOHN DEERE 304L 1LU304LXLZB048374

Hydraulic System

JOHN DEERE HYDRAU (24 GAL)

RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor.



Area

All component wear rates are normal.

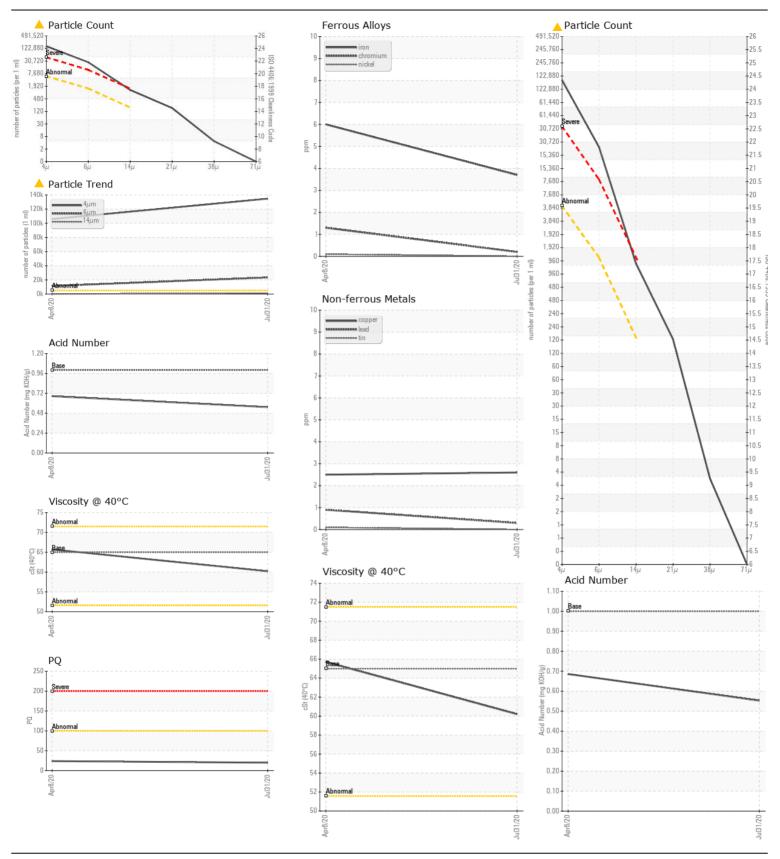
CONTAMINATION

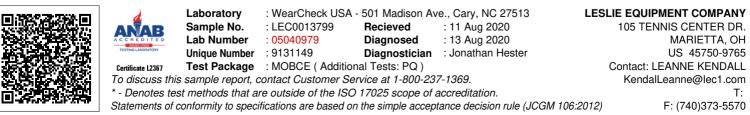
There is a high amount of particulates present in the oil.

FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the oils additive package is suitable for further service.

Test UOM Method Limil/Ab Current History1 History2 Sample Dumber Client Info SJ Jul 200 08 Apr 2020 Machine Age hrs Client Info SJ Jul 200 08 Apr 2020 Oil Age hrs Client Info 2453 1970 Oil Age hrs Client Info Not Changd Sample Data Client Info Not Changd Sample Status - ASTM D818 20 24 Filter Changed Client Info N/A N/A Sample Data ASTM D8185 20 24 Roman ppm ASTM D8185 10 Nickel ppm ASTM D8185 10 Nickel ppm ASTM D5185 10 Silver ppm ASTM D5185 10					~~~~~		
Sample Date Client Info 31 Jul 2020 08 Apr 2020 Machine Age hrs Client Info 2453 1970 Oil Age hrs Client Info 2453 1970 Oil Changed Client Info 2453 0 Oil Changed Client Info N/A N/A Sample Status Client Info N/A ABNORMAL Sample Status ASTM D5185m 20 2.4 PQ ASTM D5185m 0 -1 1 Chromium ppm ASTM D5185m 0 -1 Silver ppm ASTM D5185m 0 -1 Silver ppm ASTM D5185m >10 -1 Qanadium ppm ASTM D5185m >10 -1 Vanadium ppm ASTM D5185m >20 3 2 Visual NONE	Test	UOM	Method	Limit/Abn	Current	History1	History2
Machine Age Oil Age Filter Age Filter Age Filter Age Nrs Nrs Client Info 2453 1970 Filter Age Filter Age Filter Changed Client Info Not Changd Not Changd Not Changd Not Changd Not Changd Not Changd Not Changd Filter Changed Client Info Not Changd Not Changd Not Changd Not Changd Sample Status ABNORMAL PQ ASTM D5185m 20 4 6 Chromium ppm ASTM D5185m 0 -1 1 Nickel ppm ASTM D5185m 0 0 Aluminum ppm ASTM D5185m >10 0 Lead ppm ASTM D5185m >10 0 Vanadum pm ASTM D5185m >10 0 Vanadum pm ASTM D5185m >20 3 2 Vanadum pm ASTM D5185m	Sample Number		Client Info		LEC0013799	LEC0009931	
Oil Age hrs Client Info 2453 1970 Filter Age hrs Client Info Not Changd Not Changd Not Changd Oil Changed Client Info Not Changd Not Changd Not Changd Sample Status ABNORMAL ABNORMAL ABNORMAL PQ ASTM D5185m >20 4 6 Nickel ppm ASTM D5185m >10 <1 1 Nickel ppm ASTM D5185m 0 <1 Silver ppm ASTM D5185m >10 1 2 Lead ppm ASTM D5185m >10 0 <1 Vanadum ppm ASTM D5185m >10 0 <1 Veltow Metal scalar *Visual NONE NONE NONE Veltow Metal scalar *Visual NONE 1	Sample Date		Client Info		31 Jul 2020	08 Apr 2020	
Filter Age hrs Client Info 2453 0 Cil Changed Client Info Not Changd Not Changd Not Changd Filter Changed Client Info N/A ABNORMAL ABNORMAL Sample Status ABNORMAL ABNORMAL ABNORMAL PQ ASTM D5185m >20 4 6 Chromium ppm ASTM D5185m 0 <1 1 Nickel ppm ASTM D5185m 0 <1 Aluminum ppm ASTM D5185m >10 1 2 Tin ppm ASTM D5185m >10 0 <1 Vanadum ppm ASTM D5185m >10 0 <1 Value scalar *Visual NONE LIGHT VLITE Vellow Metal scalar *Visual NONE A11	Machine Age	hrs	Client Info		2453	1970	
Oil Changed Client Info Not Changd Not Changd ··· Filter Changed Client Info N/A N/A ABNORMAL Sample Status ASTM D8184 20 24 PQ ASTM D8185 >20 4 6 Chromium ppm ASTM D5185m >10 <1 1 Nickel ppm ASTM D5185m 0 <1 Silver ppm ASTM D5185m 0 <1 Lead ppm ASTM D5185m >10 0 <1 Vanadium ppm ASTM D5185m >10 0 0 Vanadum ppm ASTM D5185m >10 0 0 Vanadum ppm ASTM D5185m >20 3 2 Vanadum ppm ASTM D5185m >20 <1 1 Vallow Metal<	Oil Age	hrs	Client Info		2453	1970	
Filter Changed Sample Status Client Info N/A ABNORMAL ABNORMAL	Filter Age	hrs	Client Info		2453	0	
Sample Status ABNORMAL ABNORMAL PQ ASTM D8184 20 24 Iron ppm ASTM D8185 >20 4 6 Iron ppm ASTM D5185m >10 <1 1 Nickel ppm ASTM D5185m 0 <1 Silver ppm ASTM D5185m >10 0 0 Aluminum ppm ASTM D5185m >10 -1 Aluminum ppm ASTM D5185m >10 -1 Vanadium ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m >20 3 2 Vanadium ppm ASTM D5185m >20 3 2 Vanadium ppm ASTM D5185m >20 3 2 Vanadium ppm<	Oil Changed		Client Info		Not Changd	Not Changd	
PQ ASTM D8184 20 24	Filter Changed		Client Info		N/A	N/A	
Iron ppm ASTM D5185m >20 4 6 Nickel ppm ASTM D5185m 0 <1 1 Nickel ppm ASTM D5185m 0 <1 Silver ppm ASTM D5185m 0 0 < Aluminum ppm ASTM D5185m >10 1 2 Lead ppm ASTM D5185m >10 <1 < Vanadium ppm ASTM D5185m >10 0 < White Metal scalar *Visual NONE LIGHT VLITE Yellow Metal scalar *Visual NONE NONE Silicon ppm ASTM D5185m >20 <1 1 Yellow Metal scalar *Visual NONE LIGHT VLITE Silicon ppm ASTM D7647 >1300 23377 113	Sample Status				ABNORMAL	ABNORMAL	
Iron ppm ASTM D5185m >20 4 6 Nickel ppm ASTM D5185m 0 <1 1 Nickel ppm ASTM D5185m 0 <1 Silver ppm ASTM D5185m 0 <1 Aluminum ppm ASTM D5185m >10 1 2 Lead ppm ASTM D5185m >10 <1 <1 Vanadium ppm ASTM D5185m >10 0 < White Metal scalar *Visual NONE LIGHT VLITE Yellow Metal scalar *Visual NONE NONE Silicon ppm ASTM D5185m >20 3 2 Particles >4µm ASTM D7647 >100 23377 11362 Particles >6µm ASTM D7647 >10 4 1 <							
Chromium ppm ASTM D5185m >10 <1					-		
Nickel ppm ASTM D5185m 0 <1					-		
Titanium ppm ASTM D5185m 0 <1				>10			
Silver ppm ASTM D5185m 0 0 0 Aluminum ppm ASTM D5185m >10 1 2 Lead ppm ASTM D5185m >10 <1 Copper ppm ASTM D5185m >10 0 <1 Vanadium ppm ASTM D5185m >10 0 <1 White Metal scalar *Visual NONE LIGHT VLITE Yellow Metal scalar *Visual NONE NONE NONE Silicon ppm ASTM D5185m >20 <1 1 Water WC Method >0.1 NEG NEG Particles >4µm ASTM D7647 >100 ▲ 1132 17 Particles >21µm ASTM D7647 >10 ▲ 11 Particles >21µm ASTM D7647 >3 0 0					-		
Aluminum ppm ASTM D5185m >10 1 2 Lead ppm ASTM D5185m >10 <1 <1 Copper ppm ASTM D5185m >75 3 2 Vanadium ppm ASTM D5185m >10 0 <1 Vanadium ppm ASTM D5185m >10 0 <1 Vanadium ppm ASTM D5185m >10 0 < Vanadium ppm ASTM D5185m >20 3 2 Vellow Metal scalar *Visual NONE NONE NONE Potassium ppm ASTM D7647 >5000 ▲ 134707 ▲ 105890 Particles >4µm ASTM D7647 >100 ▲ 1112 88 Particles >54µm ASTM D7647 >10 4 1 Particles >71µm ASTM D7647 >10					•		
Lead ppm ASTM D5185m >10 <1				1.5	-		
Copper ppm ASTM D5185m >75 3 2 Tin ppm ASTM D5185m >10 0 <1 Vanadium ppm ASTM D5185m 0 0 White Metal scalar *Visual NONE LIGHT VLITE Yellow Metal scalar *Visual NONE NONE NONE Silicon ppm ASTM D5185m >20 3 2 Potassium ppm ASTM D5185m >20 <1 1 Water WC Method >0.1 NEG NEG Particles >4µm ASTM D7647 >100 4 134707 - 105890 Particles >14µm ASTM D7647 >10 4 1 Particles >21µm ASTM D7647 >40 153 17 Particles >21µm ASTM D7647 >3 0 0					-		
Tin ppm ASTM D5185m >10 0 <1							
Vanadium ppm ASTM D5185m 0 0 White Metal scalar *Visual NONE LIGHT VLITE Yellow Metal scalar *Visual NONE NONE NONE Silicon ppm ASTM D5185m<>20 3 2 Potassium ppm ASTM D5185m<>20 <1 1 Paticles >4µm ASTM D5185m<>20 <1 1 Particles >4µm ASTM D7647 >5000 A 134707 A 105890 Particles >6µm ASTM D7647 >100 A 11 Particles >21µm ASTM D7647 >10 A 11 Particles >38µm ASTM D7647 >10 A 11 Particles >71µm ASTM D7647 >30 0 0 Silt scalar *Visual NONE NONE Debris sc							
White Metal scalar *Visual NONE LIGHT VLITE Yellow Metal scalar *Visual NONE NONE NONE Silicon ppm ASTM D5185m >20 3 2 Potassium ppm ASTM D5185m >20 <1 1 Water WC Method >0.1 NEG NEG Particles >4µm ASTM D7647 >1000 4 105890 Particles >14µm ASTM D7647 >100 4 105890 Particles >21µm ASTM D7647 >100 4 10 Particles >21µm ASTM D7647 >3 0 0 Oil Cleanliness ISO 4406 (c) >1917/14 4 24/21/17 <24/21/14 Silt scalar *Visual NONE NONE Sand/Dirt scalar *Visual NORM NORML </th <th></th> <th></th> <th></th> <th>>10</th> <th>-</th> <th></th> <th></th>				>10	-		
Yellow Metal scalar *Visual NONE NONE NONE Silicon ppm ASTM D5185m >20 3 2 Potassium ppm ASTM D5185m >20 <1 1 Pataticles >4µm ASTM D7647 >5000 ▲ 134707 ▲ 105890 Particles >4µm ASTM D7647 >100 ▲ 23377 ▲ 11362 Particles >21µm ASTM D7647 >100 ▲ 1353 17 Particles >21µm ASTM D7647 >10 ▲ 1 Particles >21µm ASTM D7647 >10 ▲ 11 Particles >21µm ASTM D7647 >3 0 0 Oil Cleanliness ISO 4406 (c) >19/17/14 ▲ 24/22/17 ▲ 24/21/14 Silt scalar *Visual NONE NONE Debris scalar *Visual NORM NORML NORML <tr< th=""><th></th><th></th><th></th><th>NONE</th><th>•</th><th></th><th></th></tr<>				NONE	•		
Silicon ppm ASTM D5185m< >20 3 2 Potassium ppm ASTM D5185m >20 <1 1 Water WC Method >0.1 NEG NEG Particles >4µm ASTM D7647 >5000 ▲ 134707 ▲ 105890 Particles >6µm ASTM D7647 >1300 ▲ 23377 ▲ 11362 Particles >14µm ASTM D7647 >100 ▲ 1112 88 Particles >21µm ASTM D7647 >10 4 1 Particles >71µm ASTM D7647 >10 4 1 Particles >71µm ASTM D7647 >10 4 1 Solit scalar *Visual NONE NONE NONE Debris scalar *Visual NONE NORML NORML Appearance scalar *Visual NORML NORML NORML							
Potassium ppm ASTM D5185m >20 <1	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Potassium ppm ASTM D5185m >20 <1	Silicon	nom	AGTM D5185m	> 20	2	0	
Water WC Method >0.1 NEG NEG Particles >4µm ASTM D7647 >5000 A 134707 A 105890 Particles >6µm ASTM D7647 >1300 A 23377 A 11362 Particles >14µm ASTM D7647 >160 A 1112 88 Particles >21µm ASTM D7647 >40 A 153 17 Particles >38µm ASTM D7647 >10 4 1 Particles >71µm ASTM D7647 >3 0 0 Particles >71µm ASTM D7647 >3 0 0 Oil Cleanliness ISO 4406 (c) 191714 A 24/22/7 A 24/21/14 Silt scalar *Visual NONE NONE NONE Sand/Dirt scalar *Visual NORM NORML NORML Appearance scalar *Visual NOR NORM NORML					-		
Particles >4µm ASTM D7647 >5000 ▲ 134707 ▲ 105890 Particles >6µm ASTM D7647 >1300 ▲ 23377 ▲ 11362 Particles >14µm ASTM D7647 >160 ▲ 1112 88 Particles >21µm ASTM D7647 >40 ▲ 153 177 Particles >38µm ASTM D7647 >10 4 1 Particles >71µm ASTM D7647 >3 0 0 Oil Cleanliness ISO 4406 (c) 19/17/14 ▲ 24/22/17 ▲ 24/21/14 Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NORML NORML Appearance scalar *Visual NORML NORML Odor scalar *Visual NORML NORML Boron ppm		ррп					
Particles >6μm ASTM D7647 >1300 ▲ 23377 ▲ 11362 Particles >14μm ASTM D7647 >160 ▲ 1112 88 Particles >21μm ASTM D7647 >10 ▲ 153 17 Particles >38µm ASTM D7647 >10 4 1 Particles >71µm ASTM D7647 >3 0 0 Oil Cleanliness ISO 4406 (c) >19/17/14 ▲ 24/22/17 ▲ 24/21/14 Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NORM NORML Appearance scalar *Visual NORM NORML Odor scalar *Visual NORM NORML Boron ppm ASTM D5185m 2 1					-		
Particles >14µm ASTM D7647 >160 ▲ 1112 88 Particles >21µm ASTM D7647 >40 ▲ 153 17 Particles >38µm ASTM D7647 >10 4 1 Particles >71µm ASTM D7647 >3 0 0 Oil Cleanliness ISO 4406 (c) >19/17/14 ▲ 24/22/17 ▲ 24/21/14 Silt scalar *Visual NONE NONE Debris scalar *Visual NONE NONE Sand/Dirt scalar *Visual NOR NORML NORML Appearance scalar *Visual NORML NORML Odor scalar *Visual NOR NORML NORML Boron ppm ASTM D5185m 2 1 Barium ppm ASTM D5185m <1 0							
Particles >21µm ASTM D7647 >40 ▲ 153 17 Particles >38µm ASTM D7647 >10 4 1 Particles >71µm ASTM D7647 >3 0 0 Oil Cleanliness ISO 4406 (c) >19/17/14 ▲ 24/22/17 ▲ 24/21/14 Silt scalar *Visual NONE NONE NONE Debris scalar *Visual NONE ILIGHT NONE Sand/Dirt scalar *Visual NOR NORE NORML Appearance scalar *Visual NOR NORML NORML Gotor scalar *Visual NOR NORML NORML Boron ppm ASTM D5185m 2 1 Boron ppm ASTM D5185m 2 1 Manganese ppm ASTM D5185m 2 1	· · ·						
Particles >38µmASTM D7647>1041Particles >71µmASTM D7647>300Oil CleanlinessISO 4406 (c)>19/17/1424/22/1724/21/14Siltscalar*VisualNONENONENONEDebrisscalar*VisualNONELIGHTNONESand/Dirtscalar*VisualNORENONENONEAppearancescalar*VisualNORMNORMLNORMLOdorscalar*VisualNORMNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGSodiumppmASTM D5185m21BoronppmASTM D5185m<10MalganeseppmASTM D5185m<1<1ManganeseppmASTM D5185m<118PhosphorusppmASTM D5185m72201316PhosphorusppmASTM D5185m727201316IncppmASTM D5185m900290395SulfurppmASTM D5185m1.00.686							
Particles >71µm ASTM D7647 >3 0 0 Oil Cleanliness ISO 4406 (c) >19/17/14 ▲ 24/22/17 ▲ 24/21/14 Silt scalar *Visual NONE NONE NONE Debris scalar *Visual NONE LIGHT NONE Sand/Dirt scalar *Visual NONE NONE NONE Appearance scalar *Visual NORM NORML NORML Odor scalar *Visual NOR NORML NORML Godor scalar *Visual NOR NORML NORML Godor scalar *Visual >0.1 NEG NEG Boron ppm ASTM D5185m 2 1 Boron ppm ASTM D5185m 2 1 Manganese ppm ASTM D5185m 2 1							
Oil CleanlinessISO 4406 (c)19/17/14▲ 24/22/17▲ 24/21/14Siltscalar*VisualNONENONENONEDebrisscalar*VisualNONELIGHTNONESand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMNORMLNORMLOdorscalar*VisualNORMNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGSodiumppmASTM D5185m21BoronppmASTM D5185m21MalganeseppmASTM D5185m<110MagnesiumppmASTM D5185m<118PhosphorusppmASTM D5185m21316ZincppmASTM D5185m727201316ZincppmASTM D5185m900290395SulfurppmASTM D5185m1.00.686					-		
Siltscalar*VisualNONENONENONEDebrisscalar*VisualNONELIGHTNONESand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGSodiumppmASTM D5185m21BoronppmASTM D5185m77BariumppmASTM D5185m2<1MalganeseppmASTM D5185m<10MagnesiumppmASTM D5185m118PhosphorusppmASTM D5185m727201316ZincppmASTM D5185m900290395SulfurppmASTM D5185m1.00.686					-		
Debrisscalar*VisualNONELIGHTNONESand/Dirtscalar*VisualNORNONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGSodiumppmASTM D5185m21BoronppmASTM D5185m<77BariumppmASTM D5185m<100MolybdenumppmASTM D5185m<110MagneseppmASTM D5185m<118CalciumppmASTM D5185m1118PhosphorusppmASTM D5185m727201316ZincppmASTM D5185m900290395SulfurppmASTM D5185m150030603460Acid Number (AN)mg KOH/gASTM D50851.00.686		scalar					
Sand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGSodiumppmASTM D5185m21BoronppmASTM D5185m21BariumppmASTM D5185m<10MolybdenumppmASTM D5185m2<1MagneseppmASTM D5185m<1<1MagnesiumppmASTM D5185m1118PhosphorusppmASTM D5185m727201316ZincppmASTM D5185m900290395SulfurppmASTM D5185m1.00.686					-		
Appearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGSodiumppmASTM D5185m21BoronppmASTM D5185m77BariumppmASTM D5185m<10MolybdenumppmASTM D5185m<2<1MagneseppmASTM D5185m<1<1MagnesiumppmASTM D5185m<1118PhosphorusppmASTM D5185m727201316ZincppmASTM D5185m900290395SulfurppmASTM D5185m1.00.686	Sand/Dirt						
Odorscalar*VisualNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGSodiumppmASTM D5185m21BoronppmASTM D5185m77BariumppmASTM D5185m<10MolybdenumppmASTM D5185m<2<1MagneseppmASTM D5185m<118MagnesiumppmASTM D5185m<1118PhosphorusppmASTM D5185m727201316ZincppmASTM D5185m900290395SulfurppmASTM D5185m1.00.686		scalar	*Visual	NORML	-		
Sodium ppm ASTM D5185m 2 1 Boron ppm ASTM D5185m 7 7 Barium ppm ASTM D5185m <1 0 Molybdenum ppm ASTM D5185m <1 0 Maganese ppm ASTM D5185m <2 <1 Magnesium ppm ASTM D5185m <1 <1 Calcium ppm ASTM D5185m 111 8 Phosphorus ppm ASTM D5185m 727 201 316 Zinc ppm ASTM D5185m 900 290 395 Sulfur ppm ASTM D5185m 1500 3060 3460 Acid Number (AN) mg KOH/g ASTM D5185m 1.0 0.553 0.686				NORML	NORML		
Boron ppm ASTM D5185m 7 7 Barium ppm ASTM D5185m <1 0 Molybdenum ppm ASTM D5185m 2 <1 Manganese ppm ASTM D5185m <1 <1 Magnesium ppm ASTM D5185m <11 8 Calcium ppm ASTM D5185m 111 8 Phosphorus ppm ASTM D5185m 727 201 316 Zinc ppm ASTM D5185m 900 290 395 Sulfur ppm ASTM D5185m 1500 3060 3460 Acid Number (AN) mg KOH/g ASTM D5185m 1.0 0.553 0.686	Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	
Boron ppm ASTM D5185m 7 7 Barium ppm ASTM D5185m <1 0 Molybdenum ppm ASTM D5185m 2 <1 Manganese ppm ASTM D5185m <1 <1 Magnesium ppm ASTM D5185m <11 8 Calcium ppm ASTM D5185m 111 8 Phosphorus ppm ASTM D5185m 727 201 316 Zinc ppm ASTM D5185m 900 290 395 Sulfur ppm ASTM D5185m 1500 3060 3460 Acid Number (AN) mg KOH/g ASTM D5185m 1.0 0.553 0.686							
Barium ppm ASTM D5185m <1	Sodium	ppm	ASTM D5185m		2	1	
Molybdenum ppm ASTM D5185m 2 <1	Boron	ppm	ASTM D5185m		7	7	
Manganese ppm ASTM D5185m <1	Barium	ppm				0	
Magnesium ppm ASTM D5185m 11 8 Calcium ppm ASTM D5185m 87 1078 1199 Phosphorus ppm ASTM D5185m 727 201 316 Zinc ppm ASTM D5185m 900 290 395 Sulfur ppm ASTM D5185m 1500 3060 3460 Acid Number (AN) mg KOH/g ASTM D8045 1.0 0.553 0.686		ppm	ASTM D5185m		2	<1	
Calcium ppm ASTM D5185m 87 1078 1199 Phosphorus ppm ASTM D5185m 727 201 316 Zinc ppm ASTM D5185m 900 290 395 Sulfur ppm ASTM D5185m 1500 3060 3460 Acid Number (AN) mg KOH/g ASTM D8045 1.0 0.553 0.686	U	ppm					
Phosphorus ppm ASTM D5185m 727 201 316 Zinc ppm ASTM D5185m 900 290 395 Sulfur ppm ASTM D5185m 1500 3060 3460 Acid Number (AN) mg KOH/g ASTM D8045 1.0 0.553 0.686		ppm					
Zinc ppm ASTM D5185m 900 290 395 Sulfur ppm ASTM D5185m 1500 3060 3460 Acid Number (AN) mg KOH/g ASTM D8045 1.0 0.553 0.686		ppm					
Sulfur ppm ASTM D5185m 1500 3060 3460 Acid Number (AN) mg KOH/g ASTM D8045 1.0 0.553 0.686		ppm	ASTM D5185m	727	201		
Acid Number (AN) mg KOH/g ASTM D8045 1.0 0.553 0.686		ppm			290		
				1500	3060		
Visc @ 40°C cSt ASTM D445 65 60.2 65.7	. ,						
	Visc @ 40°C	cSt	ASTM D445	65	60.2	65.7	





Submitted By: STORE 9 - MARIETTA - LEANNE KENDALL

Page 2 of 2