

Area

## WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL



## JOHN DEERE 750K 1T0750KXJKF361478

Hydraulic System

JOHN DEERE HYDRAU (28 GAL)

RECO	MMEN	IDATION	

Resample at the next service interval to monitor. ( Customer Sample Comment: W66569 )

[W66569]



All component wear rates are normal.

## CONTAMINATION

The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil.

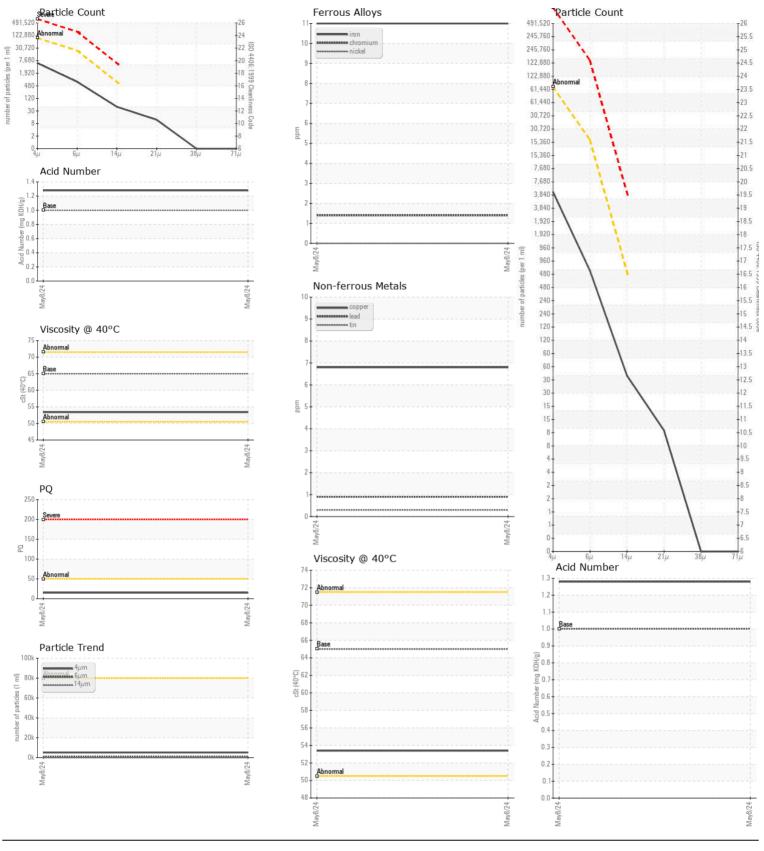
## FLUID CONDITION

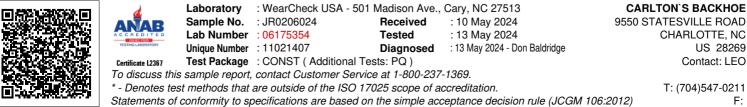
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Test     UOM     Method     Limit/An     Current     History1     History2       Sample Number     Client Info     08 May 2024         Sample Date     Client Info     5077         Oil Age     hrs     Client Info     5077         Oil Age     hrs     Client Info     0         Oil Changed     Client Info     Not Changd         Sample Status      NORMAL         PQ     ASTM D8185m     >223     11         Chromium     ppm     ASTM D5185m     >23     1         Nickel     ppm     ASTM D5185m     >5     0         Aluminum     ppm     ASTM D5185m     >51     7         Aluminum     ppm     ASTM D5185m     >51     7         Vanadium     ppm     ASTM D5185m	/						
Sample Number     Client Info     JR0206024         Sample Date     Client Info     08 May 2024         Machine Age     hrs     Client Info     5077         Oil Age     hrs     Client Info     0         Filter Age     hrs     Client Info     Not Changd         Sample Status     Client Info     Not Changd         Form     ppm     ASTM D8184     >50     15         Iron     ppm     ASTM D8185     >9     1         Nickel     ppm     ASTM D8185     >9     1         Silver     ppm     ASTM D5185     >9     4         Silver     ppm     ASTM D5185     >5     1         Silver     ppm     ASTM D5185     >5     <1         Vanatium ppm     AST	Test	UOM	Method	l imit/Abn	Current	Historv1	History2
Sample Date     Client Info     08 May 2024         Machine Age     hrs     Client Info     5077         Oil Age     hrs     Client Info     0         Oil Changed     Client Info     Not Changd         Oil Changed     Client Info     Not Changd         Sample Status     Client Info     Not Changd         Sample Status     Client Info     Not Changd         Chromium     ppm     ASTM D5185m     >23     11         Nickel     ppm     ASTM D5185m     >5     0         Aluminum     ppm     ASTM D5185m     >5     1         Silver     ppm     ASTM D5185m     >5     <1         Aluminum     ppm     ASTM D5185m     >5     <1         Valad     ppm     ASTM D5185m     >31						,	
Machine Age     hrs     Client Info     5077         Gil Age     hrs     Client Info     0         Filter Age     hrs     Client Info     Not Changd         Goli Changed     Client Info     Not Changd          Sample Status     Client Info     Not Changd          PQ     ASTM D5185m     >50     15         Nickel     ppm     ASTM D5185m     >23     11         Nickel     ppm     ASTM D5185m     >5     0         Nickel     ppm     ASTM D5185m     >5     0         Aluminum     ppm     ASTM D5185m     >28     <1         Lead     ppm     ASTM D5185m     >5     1         Vanadium     ppm     ASTM D5185m     >21         Yellow							
Oil Age     hrs     Client Info     5077         Filter Age     hrs     Client Info     Not Changd         Oil Changed     Client Info     Not Changd         Sample Status     Client Info     Not Changd         PQ     ASTM D5185m     >50     15         Iron     ppm     ASTM D5185m     >9     1         Nickel     ppm     ASTM D5185m     >5     0         Silver     ppm     ASTM D5185m     >5     0         Copper     ppm     ASTM D5185m     >9     4         Vanadum     ppm     ASTM D5185m     >5     <1         Valead     scalar     *Visual     NONE     NONE         Valeadum     ppm     ASTM D5185m     >21     S1         Vellow Metal		hrs					
Filter Åge     hrs     Client Info     0         Oil Changed     Client Info     Not Changd         Filter Changed     Client Info     Not Changd         Sample Status      NORMAL         PQ     ASTM D5185m     >23     11         Chromium     ppm     ASTM D5185m     >9     1         Nickel     ppm     ASTM D5185m     >9     4         Silver     ppm     ASTM D5185m     >5     0         Lead     ppm     ASTM D5185m     >5     1         Vanadium     ppm     ASTM D5185m     >5     1         Yellow Metal     scalar     Yisual     NONE     NONE         Yellow Metal     scalar     Yisual     NONE     NONE         Yellow Metal     scalar	•	-					
Oil Changed     Client Info     Not Changd	U						
Filter Changed Sample Status     Client Info     Not Changed NORMAL         PQ     ASTM D8184     >50     15         Iron     ppm     ASTM D5185m     >23     11         Nickel     ppm     ASTM D5185m     >55     0         Nickel     ppm     ASTM D5185m     >5     0         Silver     ppm     ASTM D5185m     >9     4         Aluminum     ppm     ASTM D5185m     >9     4         Copper     ppm     ASTM D5185m     >51     7         Vanadium     ppm     ASTM D5185m     >51     7         Vellow Metal     scalar     *Visual     NONE         Vellow Metal     scalar     *Visual     NONE         Silicon     ppm     ASTM D7647     80000     5137	•	1110			-		
Sample Status     NORMAL        PQ     ASTM D8184     >50     15         Iron     ppm     ASTM D5185m     >23     11         Chromium     ppm     ASTM D5185m     >9     1         Nickel     ppm     ASTM D5185m     >9     1         Silver     ppm     ASTM D5185m     >9     4         Aluminum     ppm     ASTM D5185m     >9     4         Copper     ppm     ASTM D5185m     >28     <1         Vanadium     ppm     ASTM D5185m     >5     <1         Vanadium     ppm     ASTM D5185m     >51     <1         Vanadium     ppm     ASTM D5185m     >20     3         Vellow Metal     scalar     *Visual     NONE     NONE        Soliton     ppm <th>•</th> <th></th> <th></th> <th></th> <th>•</th> <th></th> <th></th>	•				•		
PQ     ASTM D8184     >50     15         Iron     ppm     ASTM D8185m     >23     11         Chromium     ppm     ASTM D5185m     >9     1         Nickel     ppm     ASTM D5185m     >5     0         Silver     ppm     ASTM D5185m     >9     4         Lead     ppm     ASTM D5185m     >9     4         Copper     ppm     ASTM D5185m     >5     <1         Vanadium     ppm     ASTM D5185m     >20     3         Vellow Metal     scalar     *Visual     NONE     <	-						
Iron     ppm     ASTM D5185m     >23     11         Nickel     ppm     ASTM D5185m     >9     1         Nickel     ppm     ASTM D5185m     >5     0         Titanium     ppm     ASTM D5185m     <1         Aluminum     ppm     ASTM D5185m     >9     4         Lead     ppm     ASTM D5185m     >28     <1         Vanadium     ppm     ASTM D5185m     >5     <1         Vanadium     ppm     ASTM D5185m     >5     <1         Vanadium     ppm     ASTM D5185m     >31     5         Valow Metal     scalar     *Visual     NONE         Silicon     ppm     ASTM D5185m     >20     3         Particles >4µm     ASTM D7647     >2000     652							
Chromium     ppm     ASTM D5185m     >S0     1         Nickel     ppm     ASTM D5185m     >5     0         Silver     ppm     ASTM D5185m     0         Aluminum     ppm     ASTM D5185m     >9     4         Lead     ppm     ASTM D5185m     >28     <1         Copper     ppm     ASTM D5185m     >51     7         Vanadium     ppm     ASTM D5185m     >51     7         Vanadium     ppm     ASTM D5185m     >51     7         Vanadium     ppm     ASTM D5185m     >20     3         Vellow Metal     scalar     *Visual     NONE         Silicon     ppm     ASTM D5185m     >20     3         Particles >4µm     ASTM D7647     >640     42     <	PQ		ASTM D8184	>50	15		
Nickel     ppm     ASTM D5185m     >5     0         Titanium     ppm     ASTM D5185m           Silver     ppm     ASTM D5185m     >9     4         Aluminum     ppm     ASTM D5185m     >9     4         Lead     ppm     ASTM D5185m     >9     4         Copper     ppm     ASTM D5185m     >9     4         Vanadium     ppm     ASTM D5185m     >5     <1         Vanadium     ppm     ASTM D5185m     >5     <1         Vanadium     ppm     ASTM D5185m     >20     3         Yellow Metal     scalar     *Visual     NONE         Silicon     pp     ASTM D7647     >8000     5137         Particles >4µm     ASTM D7647     >200     652<	Iron	ppm	ASTM D5185m	>23	11		
Titanium     ppm     ASTM D5185m     <1	Chromium	ppm	ASTM D5185m	>9	1		
Silver     ppm     ASTM D5185m     O         Aluminum     ppm     ASTM D5185m     >9     4         Lead     ppm     ASTM D5185m     >28     <1         Copper     ppm     ASTM D5185m     >51     7         Vanadium     ppm     ASTM D5185m     >5     <1         Vanadium     ppm     ASTM D5185m     >5     <1         Vanadium     ppm     ASTM D5185m     >50     <1         Vanadium     ppm     ASTM D5185m     >20     3         Yellow Metal     scalar     *Visual     NONE          Yellow Metal     scalar     *Visual     NONE          Yellow Metal     scalar     *ND7647     >160     10         Particles >71µm     ASTM D7647     >1	Nickel	ppm	ASTM D5185m	>5	0		
Silver     ppm     ASTM D5185m     0         Aluminum     ppm     ASTM D5185m     >9     4         Lead     ppm     ASTM D5185m     >28     <1         Copper     ppm     ASTM D5185m     >51     7         Tin     ppm     ASTM D5185m     >5     <1         White Metal     scalar     *Visual     NONE     NONE         Yellow Metal     scalar     *Visual     NONE     NONE         Potassium     ppm     ASTM D5185m     >31     5         Particles >4µm     ASTM D7647     >80000     5137         Particles >4µm     ASTM D7647     >640     42         Particles >4µm     ASTM D7647     >10     0         Particles >3µm     ASTM D7647     >10     0 </th <th>Titanium</th> <th></th> <th>ASTM D5185m</th> <th></th> <th>&lt;1</th> <th></th> <th></th>	Titanium		ASTM D5185m		<1		
Lead     ppm     ASTM D5185m     >28     <1	Silver	ppm	ASTM D5185m		0		
Lead     ppm     ASTM D5185m     >28     <1	Aluminum		ASTM D5185m	>9	4		
Copper     ppm     ASTM D5185m     >51     7         Tin     ppm     ASTM D5185m     >5     <1         Vanadium     ppm     ASTM D5185m     <1         White Metal     scalar     *Visual     NONE     NONE         Yellow Metal     scalar     *Visual     NONE     NONE         Silicon     ppm     ASTM D5185m     >31     5         Potassium     ppm     ASTM D5185m     >20     3         Water     WC Method     >0.075     NEG         Particles >4µm     ASTM D7647     >20000     652         Particles >54µm     ASTM D7647     >640     42         Particles >71µm     ASTM D7647     >10     0         Oil Cleanliness     Scalar     *Visual     NONE     NONE	Lead		ASTM D5185m	>28	<1		
Tin     ppm     ASTM D5185m     >5     <1	Copper		ASTM D5185m	>51	7		
White Metal     scalar     *Visual     NONE         Yellow Metal     scalar     *Visual     NONE         Silicon     ppm     ASTM D5185m     >31     5         Potassium     ppm     ASTM D5185m     >20     3         Water     WC Method     >0.075     NEG         Particles >4µm     ASTM D7647     >80000     5137         Particles >6µm     ASTM D7647     >640     42         Particles >21µm     ASTM D7647     >160     10         Particles >21µm     ASTM D7647     >10     0         Particles >71µm     ASTM D7647     >10     0         Silt     scalar     *Visual     NONE     NONE         Sold     scalar     *Visual     NORM     NORML         Appearance	Tin	ppm	ASTM D5185m	>5	<1		
White Metal     scalar     *Visual     NONE     NONE         Yellow Metal     scalar     *Visual     NONE     NONE         Silicon     ppm     ASTM D5185m     >31     5         Potassium     ppm     ASTM D5185m     >20     3         Water     WC Method     >0.075     NEG         Particles >4µm     ASTM D7647     >6000     5137         Particles >6µm     ASTM D7647     >640     42         Particles >14µm     ASTM D7647     >640     10         Particles >14µm     ASTM D7647     >10     0         Particles >38µm     ASTM D7647     >10     0         Oil Cleanliness     ISO 4406 (c)     >2321/16     20/17/13         Sand/Dirt     scalar     *Visual     NONE     NORE	Vanadium		ASTM D5185m		<1		
Silicon     ppm     ASTM D5185m     >31     5         Potassium     ppm     ASTM D5185m     >20     3         Water     WC Method     >0.075     NEG         Particles >4µm     ASTM D7647     >80000     5137         Particles >6µm     ASTM D7647     >20000     652         Particles >14µm     ASTM D7647     >640     42         Particles >21µm     ASTM D7647     >10     0         Particles >38µm     ASTM D7647     >10     0         Oil Cleanliness     ISO 4406 (>     >221/16     20/17/13         Silt     scalar     *Visual     NONE         Debris     scalar     *Visual     NORL     NORE         Appearance     scalar     *Visual     NORML     NORML	White Metal		*Visual	NONE	NONE		
Potassium     ppm     ASTM D5185m     >20     3         Water     WC Method     >0.075     NEG         Particles >4µm     ASTM D7647     >80000     5137         Particles >6µm     ASTM D7647     >20000     652         Particles >14µm     ASTM D7647     >640     42         Particles >21µm     ASTM D7647     >160     10         Particles >38µm     ASTM D7647     >10     0         Particles >71µm     ASTM D7647     >10     0         Oil Cleanliness     ISO 4406 (c)     >23/21/16     20/17/13         Silt     scalar     *Visual     NONE          Debris     scalar     *Visual     NORE     NORE         Appearance     scalar     *Visual     NORL     NORML      -		scalar	*Visual	NONE	NONE		
Potassium     ppm     ASTM D5185m     >20     3         Water     WC Method     >0.075     NEG         Particles >4µm     ASTM D7647     >80000     5137         Particles >6µm     ASTM D7647     >20000     652         Particles >14µm     ASTM D7647     >640     42         Particles >21µm     ASTM D7647     >160     10         Particles >38µm     ASTM D7647     >10     0         Particles >71µm     ASTM D7647     >10     0         Oil Cleanliness     ISO 4406 (c)     >23/21/16     20/17/13         Silt     scalar     *Visual     NONE          Debris     scalar     *Visual     NORE     NORE         Appearance     scalar     *Visual     NORL     NORML      -							
Water     WC Method     >0.075     NEG        Particles >4µm     ASTM D7647     >80000     5137         Particles >5µm     ASTM D7647     >20000     652         Particles >14µm     ASTM D7647     >640     42         Particles >21µm     ASTM D7647     >160     10         Particles >21µm     ASTM D7647     >10     0         Particles >38µm     ASTM D7647     >10     0         Particles >71µm     ASTM D7647     >10     0         Oil Cleanliness     ISO 4406 (c)     >23/21/16     20/17/13         Silt     scalar     *Visual     NONE     NONE         Sand/Dirt     scalar     *Visual     NORML     NORML         Appearance     scalar     *Visual     NORML     NORML		ppm		>31			
Particles >4µm     ASTM D7647     >80000     5137         Particles >6µm     ASTM D7647     >20000     652         Particles >14µm     ASTM D7647     >640     42         Particles >21µm     ASTM D7647     >160     10         Particles >21µm     ASTM D7647     >40     0         Particles >38µm     ASTM D7647     >10     0         Particles >71µm     ASTM D7647     >10     0         Oil Cleanliness     ISO 4406 (c)     >29/21/16     20/17/13         Silt     scalar     *Visual     NONE          Sand/Dirt     scalar     *Visual     NORM     NORML         Appearance     scalar     *Visual     NORML     NORML         Gotor     scalar     *Visual     NORML     NOR	Potassium	ppm	ASTM D5185m	>20	-		
Particles >6μm     ASTM D7647     >20000     652         Particles >14μm     ASTM D7647     >640     42         Particles >21μm     ASTM D7647     >160     10         Particles >38µm     ASTM D7647     >10     0         Particles >71µm     ASTM D7647     >10     0         Oil Cleanliness     ISO 4406 (c)     >23/21/16     20/17/13         Silt     scalar     *Visual     NONE     NONE         Sand/Dirt     scalar     *Visual     NONE     NONE         Appearance     scalar     *Visual     NORM     NORML         Odor     scalar     *Visual     NORM     NORML         Boron     ppm     ASTM D5185m     >21     0         Manganese     ppm     ASTM D5185m     0	Water			>0.075	NEG		
Particles >14µm     ASTM D7647     >640     42        Particles >21µm     ASTM D7647     >160     10        Particles >38µm     ASTM D7647     >40     0        Particles >38µm     ASTM D7647     >10     0        Particles >71µm     ASTM D7647     >10     0        Oil Cleanliness     ISO 4406 (c)     >23/21/16     20/17/13        Silt     scalar     *Visual     NONE     NONE        Debris     scalar     *Visual     NONE     NONE        Sand/Dirt     scalar     *Visual     NORE         Appearance     scalar     *Visual     NORML     NORML        Odor     scalar     *Visual     NORML     NORML         Boron     ppm     ASTM D5185m     >21     0         Maganese     ppm     ASTM D5185m     0	Particles >4µm		ASTM D7647	>80000	5137		
Particles >21µm     ASTM D7647     >160     10        Particles >38µm     ASTM D7647     >40     0         Particles >71µm     ASTM D7647     >10     0         Oil Cleanliness     ISO 4406 (c)     >23/21/16     20/17/13         Silt     scalar     *Visual     NONE     NONE         Debris     scalar     *Visual     NONE     NONE         Sand/Dirt     scalar     *Visual     NORE          Appearance     scalar     *Visual     NORML     NORML         Odor     scalar     *Visual     NORML     NORML         Boron     ppm     ASTM D5185m     >21     0         Barium     ppm     ASTM D5185m     20          Magnesium     ppm     ASTM D5185m     0	·		ASTM D7647	>20000			
Particles >38µm     ASTM D7647     >40     0         Particles >71µm     ASTM D7647     >10     0         Oil Cleanliness     ISO 4406 (c)     >23/21/16     20/17/13         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         Boron     scalar     *Visual     NORML     NORML         Boron     ppm     ASTM D5185m     >21     0         Manganese     ppm     ASTM D5185m     0         Manganesium     ppm     ASTM D5185m     9			ASTM D7647				
Particles >71µm     ASTM D7647     >10     0        Oil Cleanliness     ISO 4406 (c)     >23/21/16     20/17/13         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     NORML     NORML         Sodium     ppm     ASTM D5185m     >21     0         Boron     ppm     ASTM D5185m     >21     0         Malganese     ppm     ASTM D5185m     0          Magnesium     ppm     ASTM D5185m <th></th> <th></th> <th></th> <th></th> <th>-</th> <th></th> <th></th>					-		
Oil Cleanliness     ISO 4406 (c)     >23/21/16     20/17/13         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     NORML     NORML         Sodium     ppm     ASTM D5185m     >21     0         Boron     ppm     ASTM D5185m     >21     0         Molybdenum     ppm     ASTM D5185m     0         Magnesium     ppm     ASTM D5185m     9         Magnesium     ppm     ASTM D5185m					-		
Siltscalar*VisualNONENONEDebrisscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLCdorscalar*Visual>0.075NEGEmulsified Waterscalar*Visual>0.075NEGSodiumppmASTM D5185m>210BoronppmASTM D5185m0BariumppmASTM D5185m0MolybdenumppmASTM D5185m0MaganeseppmASTM D5185m9MagnesiumppmASTM D5185m87848PhosphorusppmASTM D5185m727740ZincppmASTM D5185m15002127Acid Number (AN)mg KOH/gASTM D80451.01.28					-		
Debrisscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLColorscalar*Visual>0.075NEGEmulsified Waterscalar*Visual>0.075NEGSodiumppmASTM D5185m>210BoronppmASTM D5185m0BariumppmASTM D5185m0MolybdenumppmASTM D5185m0ManganeseppmASTM D5185m9CalciumppmASTM D5185m727740ZincppmASTM D5185m15002127SulfurppmASTM D5185m1.01.28							
Sand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLEmulsified Waterscalar*Visual>0.075NEGSodiumppmASTM D5185m>210BoronppmASTM D5185m0BariumppmASTM D5185m0MolybdenumppmASTM D5185m0MaganeseppmASTM D5185m9CalciumppmASTM D5185m99PhosphorusppmASTM D5185m900906ZincppmASTM D5185m15002127Acid Number (AN)mg KOH/gASTM D80451.01.28					-		
Appearance     scalar     *Visual     NORML     NORML         Odor     scalar     *Visual     NORML     NORML         Emulsified Water     scalar     *Visual     >0.075     NEG         Sodium     ppm     ASTM D5185m     >21     0         Boron     ppm     ASTM D5185m     0         Barium     ppm     ASTM D5185m     0         Molybdenum     ppm     ASTM D5185m     0         Magnesium     ppm     ASTM D5185m     0         Magnesium     ppm     ASTM D5185m     9         Calcium     ppm     ASTM D5185m     87     848         Phosphorus     ppm     ASTM D5185m     727     740         Zinc     ppm     ASTM D5185m     1500     2127					_		
Odor     scalar     *Visual     NORML     NORML         Emulsified Water     scalar     *Visual     >0.075     NEG         Sodium     ppm     ASTM D5185m     >21     0         Boron     ppm     ASTM D5185m     >21     0         Barium     ppm     ASTM D5185m     0         Molybdenum     ppm     ASTM D5185m     0         Magnesium     ppm     ASTM D5185m     0         Magnesium     ppm     ASTM D5185m     9         Calcium     ppm     ASTM D5185m     87     848         Phosphorus     ppm     ASTM D5185m     727     740         Zinc     ppm     ASTM D5185m     1500     2127         Sulfur     ppm     ASTM D5185m     1.0     1.28 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>							
Emulsified Water     scalar     *Visual     >0.075     NEG        Sodium     ppm     ASTM D5185m     >21     0         Boron     ppm     ASTM D5185m     >21     0         Barium     ppm     ASTM D5185m     0         Molybdenum     ppm     ASTM D5185m     0         Magnesium     ppm     ASTM D5185m     0         Magnesium     ppm     ASTM D5185m     9         Calcium     ppm     ASTM D5185m     87     848         Phosphorus     ppm     ASTM D5185m     727     740         Zinc     ppm     ASTM D5185m     900     906         Sulfur     ppm     ASTM D5185m     1500     2127         Acid Number (AN)     mg KOH/g     ASTM D8045     1.0     1.28					-		
Sodium     ppm     ASTM D5185m     >21     0         Boron     ppm     ASTM D5185m     0         Barium     ppm     ASTM D5185m     0         Molybdenum     ppm     ASTM D5185m     0         Magnesium     ppm     ASTM D5185m     0         Magnesium     ppm     ASTM D5185m     9         Calcium     ppm     ASTM D5185m     87     848         Phosphorus     ppm     ASTM D5185m     727     740         Zinc     ppm     ASTM D5185m     900     906         Sulfur     ppm     ASTM D5185m     1500     2127         Acid Number (AN)     mg KOH/g     ASTM D8045     1.0     1.28							
Boron     ppm     ASTM D5185m     0         Barium     ppm     ASTM D5185m     0         Molybdenum     ppm     ASTM D5185m     0         Manganese     ppm     ASTM D5185m     0         Magnesium     ppm     ASTM D5185m     9         Calcium     ppm     ASTM D5185m     87     848         Phosphorus     ppm     ASTM D5185m     727     740         Zinc     ppm     ASTM D5185m     900     906         Sulfur     ppm     ASTM D5185m     1500     2127         Acid Number (AN)     mg KOH/g     ASTM D8045     1.0     1.28	Emulsified Water	scalar	*Visual	>0.075	NEG		
Boron     ppm     ASTM D5185m     0         Barium     ppm     ASTM D5185m     0         Molybdenum     ppm     ASTM D5185m     0         Manganese     ppm     ASTM D5185m     0         Magnesium     ppm     ASTM D5185m     9         Calcium     ppm     ASTM D5185m     87     848         Phosphorus     ppm     ASTM D5185m     727     740         Zinc     ppm     ASTM D5185m     900     906         Sulfur     ppm     ASTM D5185m     1500     2127         Acid Number (AN)     mg KOH/g     ASTM D8045     1.0     1.28	Sodium	0000		. 01	0		
Barium     ppm     ASTM D5185m     0         Molybdenum     ppm     ASTM D5185m     <1         Manganese     ppm     ASTM D5185m     0         Magnesium     ppm     ASTM D5185m     9         Calcium     ppm     ASTM D5185m     87     848         Phosphorus     ppm     ASTM D5185m     727     740         Zinc     ppm     ASTM D5185m     900     906         Sulfur     ppm     ASTM D5185m     1500     2127         Acid Number (AN)     mg KOH/g     ASTM D8045     1.0     1.28				>21			
Molybdenum     ppm     ASTM D5185m     <1							
Manganese     ppm     ASTM D5185m     0         Magnesium     ppm     ASTM D5185m     9         Calcium     ppm     ASTM D5185m     87     848         Phosphorus     ppm     ASTM D5185m     727     740         Zinc     ppm     ASTM D5185m     900     906         Sulfur     ppm     ASTM D5185m     1500     2127         Acid Number (AN)     mg KOH/g     ASTM D8045     1.0     1.28							
Magnesium     ppm     ASTM D5185m     9         Calcium     ppm     ASTM D5185m     87     848         Phosphorus     ppm     ASTM D5185m     727     740         Zinc     ppm     ASTM D5185m     900     906         Sulfur     ppm     ASTM D5185m     1500     2127         Acid Number (AN)     mg KOH/g     ASTM D8045     1.0     1.28	-						
Calcium     ppm     ASTM D5185m     87     848         Phosphorus     ppm     ASTM D5185m     727     740         Zinc     ppm     ASTM D5185m     900     906         Sulfur     ppm     ASTM D5185m     1500     2127         Acid Number (AN)     mg KOH/g     ASTM D8045     1.0     1.28							
Phosphorus     ppm     ASTM D5185m     727     740         Zinc     ppm     ASTM D5185m     900     906         Sulfur     ppm     ASTM D5185m     1500     2127         Acid Number (AN)     mg KOH/g     ASTM D8045     1.0     1.28	-			07			
Zinc     ppm     ASTM D5185m     900     906         Sulfur     ppm     ASTM D5185m     1500     2127         Acid Number (AN)     mg KOH/g     ASTM D8045     1.0     1.28							
Sulfur     ppm     ASTM D5185m     1500     2127         Acid Number (AN)     mg KOH/g     ASTM D8045     1.0     1.28							
Acid Number (AN) mg KOH/g ASTM D8045 1.0 1.28							
	Acid Number (AN)	mg KOH/g			1.28		

Visc @ 40°C cSt ASTM D445 65

53.4





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