

WEAR	
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

## Machine Id **LEXUS LEXUS IS F** Component **Component Component Component Component**

## LIQUI MOLY TOP TEC 4200 SAE 5W-30 (--- GAL)

Sample Number         Client Info         W083183             Sample Date         Client Info         29 Apr 202             Machine Age         Kms         Client Info         20             Machine Age         Kms         Client Info         2247             Oli Changed         Client Info         2247              Filter Age         Kms         Client Info         C         2247             Oli Changed         Client Info         C         Changed              Oli Changed         Client Info         C         Changed              Sample Status         V         Changed               It component wear rates are normal.         Info         pm         ASTMD5600 >5         0             It component wear rates are normal.         Info         pm         ASTMD5600 >5         0             It component wear rates are normal.         Info         pm         ASTMD5600 >5 <th>LIQUI MOLY TOP TEC 4200 SAE 5W-30 ( (</th> <th>GAL)</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>	LIQUI MOLY TOP TEC 4200 SAE 5W-30 ( (	GAL)						
Sample Date         Client Info         29 Apr 202             Machine Age         kms         Client Info         0             Machine Age         kms         Client Info         0              Ol Age         kms         Client Info         C         0              Ol Changed         kms         Client Info         Changed          Changed	Resample at the next service interval to monitor.	Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Date     Client Info     29 Apr 2024     File     File       Machine Age     kms     Client Info     C     0        Cli Age     kms     Client Info     C     247     File        File     Kms     Client Info      Changed     File        Cli Changed     kms     Client Info      Changed         File     Ample Data     Client Info      NPMA     4        Sample Status     V     NPMA     Anno          Teamponent wear rates are normal.     Iron     pm     AST00505/      0         Nickel     pm     AST00505/      0          Silver     pm     AST00505/      0          Machine Age     pm     AST00505/      0     0         Silver     pm     AST00505/      0     0         Silver     pm     AST00505/      0     0         Copper     pm     AST00505/     >		Sample Number		Client Info		WC0631263		
Oil Age         kms         Client Info         2247         7.10         7.10           Filter Age         kms         Client Info         C         2247         7.10         7.10           Oil Changed         Client Info         C         2247         7.10         7.10         7.10           Oil Changed         Client Info         Changed         Client Info         Changed         7.10         7.10           Sample Status         V         Knms         Sill Status         7.00         7.10         7.10           It component wear rates are normal.         Inn         pm         ASTM Status         7.20         7.10         7.10           Nickel         pp         MSTM Status         7.20         7.10         7.10         7.10           Auminum         pm         MSTM Status         5.00         0         7.10		Sample Date		Client Info		29 Apr 2024		
Filter Age         Kms         Client Info         M         2247         Filter Changed         Changed         Changed         Changed         Changed         Changed         Changed         Changed         Cient Info         Changed         Changed         Cient Info         Cient Info         Changed         Cient Info         Cient Info		Machine Age	kms	Client Info		0		
Oil Changed     Client In/o     Changed     Rite Changed     Client In/o     Changed     Rite       Filter Changed     Client In/o     Changed     Rite     Rite       Sample Status     Normal     Normal     Rite     Rite       It component wear rates are normal.     Iron     pm     Stritu Stefin     >50     0        It component wear rates are normal.     Iron     pm     Stritu Stefin     >20     0        It component wear rates are normal.     Iron     pm     Stritu Stefin     >20     0        It component wear rates are normal.     Iron     pm     Stritu Stefin     >20     0        It component wear rates are normal.     Iron     pm     Stritu Stefin     >20     0        It component wear rates are normal.     Iron     pm     Stritu Stefin     >20     0        It component wear rates are normal.     Iron     pm     Stritu Stefin     >50     0        It component wear rates are normal.     Iron     pm     Stritu Stefin     >50     0        Veaduum     pm     Stritu Stefin     >10     0         Veanduum     pm     Stritu Stefin		Oil Age	kms	Client Info		2247		
Filte Changed     Client Ind     Changed     Filte Changed       Sample Status     NORMAL     ***     ***       VEAR     Iron     pm     ASIN 0585m     >150     3     ***     ***       It component wear rates are normal.     Iron     pm     ASIN 0585m     >20     0     ***     ***       It component wear rates are normal.     Iron     pm     ASIN 0585m     >20     0     ***     ***       Tanaium     ppm     ASIN 0585m     >20     0     ***     ***       Silver     pm     ASIN 0585m     >40     27     ***     ***       Lead     pm     ASIN 0585m     >40     22     ***     ***       Copper     pm     ASIN 0585m     >40     20     ***     ***       Naredium     pm     ASIN 0585m     >155     <1     ***     ***       ONTAMINATION     pm     ASIN 0585m     >20     <1     ***     ***       Nere is no indication of any contamination in the oil.     Full     WC Method     >0.2     NEG     ***     ***       Full     VC     WC Method     >0.2     NEG     ***     ***     ***       Nordei     ASin 07% Mitter     Silver     Silve		Filter Age	kms	Client Info		2247		
Sample Status         NORMA		Oil Changed		Client Info		Changed		
Iron       ppm       ASTM D586(m)       >150       3           It component wear rates are normal.       Chromium       ppm       ASTM D586(m)       >20       0           Nickel       ppm       ASTM D586(m)       >5       0           Nickel       ppm       ASTM D586(m)       >5       0           Silver       ppm       ASTM D586(m)       >20       0           Auminum       ppm       ASTM D586(m)       >50       0           Lead       ppm       ASTM D586(m)       >50       0           Vanadium       ppm       ASTM D586(m)       >50       0           ONTAMINATION       Ns       Solicon       pm       ASTM D586(m)       >50       5          Nere is no indication of any contamination in the oil.       Silicon       pm       ASTM D586(m)       >50       1          Water       I       WC Method       >-0.2       NEG		Filter Changed		Client Info		Changed		
It component wear rates are normal.         Chromium         ppm         ASTM 05HSM         >20         0		Sample Status				NORMAL		
It component wear rates are normal.         Chromium         ppm         ASTM 05HS(m)         >20         0	WEAD				450	•		
Nickel         ppm         ASTM 05185(m)         -5         0            Titanium         ppm         ASTM 05185(m)         -2         0.0             Silver         ppm         ASTM 05185(m)         -2         0.0             Aluminum         ppm         ASTM 05185(m)         -50         0.0             Lead         ppm         ASTM 05185(m)         50         0.0             Copper         ppm         ASTM 05185(m)         50         0.0             Vanadium         ppm         ASTM 05185(m)         50         0.0             NortAMINATION         ppm         ASTM 05185(m)         50         0.0             NortAMINATION         Silicon         ppm         ASTM 05185(m)         50         6.0             NortAMINATION         Silicon         ppm         ASTM 05185(m)         50         6.0            ONTAMINATION         Silicon         ppm         ASTM 05185(m)         50         6.0	WEAR							
Titanium         ppm         ASIM D5185/m         ≥         27            Silver         ppm         ASIM D5185/m         >         0            Aluminum         ppm         ASIM D5185/m         >         0            Lead         ppm         ASIM D5185/m         >         0            Tin         ppm         ASIM D5185/m         >         0            Tin         ppm         ASIM D5185/m         >         0            Vanadum         ppm         ASIM D5185/m         >         0            Vanadum         ppm         ASIM D5185/m         >         0            ONTAMINATION         Silicon         ppm         ASIM D5185/m         >         0            Potassium         ppm         ASIM D5185/m         >         0             Mater         iv         VC Method         >         -             Giycol         WC Method         >         NEG              Sulfation         Abs/m         ASIM D7845/m	All component wear rates are normal.							
Silver       ppm       ASTM D51680       >-2       0          Aluminum       ppm       ASTM D51680       >40       2          Lead       ppm       ASTM D51680       >50       0           Copper       ppm       ASTM D51680       >10       0           Tin       ppm       ASTM D51680       >10       0           Vanadium       ppm       ASTM D51680       >10       0           Natadium       ppm       ASTM D51680       >10       0           Natadium       ppm       ASTM D51680       >20           Natadium       ppm       ASTM D51680       >20           Natadium       ppm       ASTM D51680       >30           Natadium       ppm       ASTM D51680       >30           Natadium       ppm       ASTM D7640       >0.2       NEG           Solitation       Abs/im       ASTM D51680       >0.0       1.1 </th <th></th> <th></th> <th></th> <th>&gt;5</th> <th></th> <th></th> <th></th>					>5			
AluminumppmASTM D5(89)>402LeadpmASTM D5(85)>500CopperpmASTM D5(85)>100TinpmASTM D5(85)>100VanadiumpmASTM D5(85)>100ONTAMINATIONSiliconppmASTM D5(85)>305PotassiumpmASTM D5(85)>20-1PotassiumpmASTM D5(85)>20-1GlycolWC Method>0.2-1GlycolWC Method>0.2NEGSolitationAbs/rmASTM D7644-20NEGSolitationAbs/rmASTM D7644-20NEGNitrationAbs/rmASTM D7644-20NEGSolitation of the oil is acceptable for the time in service.SolitationAbs/rmASTM D56851 <th></th> <th></th> <th></th> <th>0</th> <th></th> <th></th> <th></th>					0			
Lead         pm         ASTM D5185(m)         >50         0             Copper         pm         ASTM D5185(m)         >155         <1             Tin         pm         ASTM D5185(m)         >10         0             Vanadium         pm         ASTM D5185(m)         >10         0             ONTAMINATION         pm         ASTM D5185(m)         >30         5             Potassium         pm         ASTM D5185(m)         >30         5             Vanadium         pm         ASTM D5185(m)         >30         5             ONTAMINATION         pm         ASTM D5185(m)         >30         5             Mater         Vm         WC Method         >-0                                <								
Copper         pm         ASTM D8186m         >155         <1								
Tin         ppm         ASTM D5185(m)         >10         0            Vanadium         ppm         ASTM D5185(m)         0         0          0           ONTAMINATION         Silicon         ppm         ASTM D5185(m)         >30         5             Potassium         ppm         ASTM D5185(m)         >30         5             Potassium         ppm         ASTM D5185(m)         >30         5             Nere is no indication of any contamination in the oil.         Potassium         ppm         ASTM D5185(m)         >30         5             Water         VC Method         >40         QL         NEG             Glycol         VC Method         >40         QL         NEG             Solf %         %         ASTM D7844         IC         Q          Q            Glycol         VC Method         >40         Q          Q            Buildition of the oil is acceptable for the time in service.         Sodium         ppm         ASTM D5185(m)								
VanadiumppmASTM D5185(m) $\cdot$ 0 $\cdot$ $\cdot$ ONTAMINATIONhere is no indication of any contamination in the oil.SiliconppmASTM D5185(m)>305PotassiumppmASTM D5185(m)>20<1FuelWC Method>0.2NEGWaterIWC Method>0.2NEGIGiycolWC Method>0.2NEGISolo %%ASTM D784*00INitrationAbs/cmASTM D784*207.0INitrationAbs/cmASTM D784*>0.2NEGIIIILUID CONDITIONAssSodiumASTM D5185(m)>400<1II <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>								
Silicon         ppm         ASTM D5185(m)         >30         5             Potassium         ppm         ASTM D5185(m)         >20         <1             Fuel         VC         Method         >4.0         <1.0             Water         VC         WC Method         >0.2         NEG             Glycol         VC         WC Method         >0.2         NEG             Solt %         %         ASTM D7844'         VC         NEG             Solt %         %         ASTM D7844'         VC         0             Solt %         %         ASTM D7844'         VC         0             Solt %         %         ASTM D7844'         VC         0             Sulfation         Abs/rm         ASTM D7845'         >30         16.3             Emulsified Water         scalar         Visual*         >0         -1             Molybdenum         ppm         ASTM D5185(m)			ppm	( )	>10			
here is no indication of any contamination in the oil. Fuel  Fuel  VC Method  AU  AU  AU  AU  AU  AU  AU  AU  AU  A		Vanadium	ppm	ASTM D5185(m)		0		
Fuel       WC Method >4.0       <1.0          Water       WC Method >0.2       NEG          Glycol       WC Method >0.2       NEG          Soot %       %       ASTM D7844       0          Nitration       Abs/.m       ASTM D7624       >20       7.0          Sulfation       Abs/.m       ASTM D7624       >20       7.0          Builfation       Abs/.m       ASTM D7624       >20       7.0          Sulfation       Abs/.m       ASTM D7624       >20       7.0          Builfation       scala       Visual*       >0.2       NEG          Molybel       ppm       ASTM D5185(m)       >400           Magnesium       pm       ASTM D5185(m)            Magnesium       pm       ASTM D5185(m) <th>CONTAMINATION</th> <th>Silicon</th> <th>ppm</th> <th>ASTM D5185(m)</th> <th>&gt;30</th> <th>5</th> <th></th> <th></th>	CONTAMINATION	Silicon	ppm	ASTM D5185(m)	>30	5		
FuelWC Method $\sim$ $<$ $<$ $<$ $<$ $<$ $<$ WaterIWC Method $\sim$ NEGI $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ $<$ </th <th rowspan="8">There is no indication of any contamination in the oil.</th> <th>Potassium</th> <th>ppm</th> <th>ASTM D5185(m)</th> <th>&gt;20</th> <th>&lt;1</th> <th></th> <th></th>	There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5185(m)	>20	<1		
Glycol       VC Method       NEG          Soot %       %       ASTM D7844'       0          Nitration       Abs/cm       ASTM D7624'       >20       7.0          Sulfation       Abs/cm       ASTM D7624'       >20       16.3          Sulfation       Abs/cm       ASTM D7624'       >20       16.3          Sulfation       Abs/cm       ASTM D715'       >30       16.3           Sulfation       Abs/cm       ASTM D715'       >30       16.3           Bilifeid Water       scalar       Visual*       >0.2       NEG           Discoption of the oil is acceptable for the time in service.       Sodium       ppm       ASTM D5185(m)       >400           Barium       ppm       ASTM D5185(m)       >40            Maganese       ppm       ASTM D5185(m)       <       65           Magnesium       ppm       ASTM D5185(m)       <       654           Calcium       ppm       ASTM D5185(m)        654<		Fuel		WC Method	>4.0	<1.0		
Soot %%ASTM D784*0NitrationAbs/cmASTM D7624*>07.0SulfationAbs/lmASTM D7624*>0016.3SulfationAbs/lmASTM D7814*>0.2NEGEmulsified WatescalarVisual*>0.2NEGNecondition of the oil is acceptable for the time in service.SodiumppmASTM D5185(m)>400BariumppmASTM D5185(m)-0MolybdenumppmASTM D5185(m)-655MaganeseppmASTM D5185(m)-11137PhosphorusppmASTM D5185(m)-11137PinosASTM D5185(m)imageneseppmASTM D5185(m)-654PhosphorusppmASTM D5185(m)imagenesePhosphorusppmASTM D5185(m)imagenesePhosphorusppmASTM D5185(m)imagenesePhosphorusppmASTM D5185(m)imagenese<		Water		WC Method	>0.2	NEG		
NitrationAbs/cmASTM D7624*>207.0SulfationAbs/tmASTM D7145*>3016.311Emulsified WaterscalarVisual*>0.2NEG11NECONDITIONSodiumppmASTM D5185(m)>4001BoronppmASTM D5185(m)>400111BariumppmASTM D5185(m)scalar0111 <td< th=""><th>Glycol</th><th></th><th>WC Method</th><th></th><th>NEG</th><th></th><th></th></td<>		Glycol		WC Method		NEG		
SulfationAbs/.1mmASTM D7415*>3016.3Emulsified WaterscalarVisual*>0.2NEGNEGSodiumppmASTM D5185(m)>400<1BoronppmASTM D5185(m)>400174BariumppmASTM D5185(m)Image and the service.Image and the service. <t< th=""><th>Soot %</th><th>%</th><th>ASTM D7844*</th><th></th><th>0</th><th></th><th></th></t<>		Soot %	%	ASTM D7844*		0		
Emulsified WaterscalarVisual*>0.2NEGLUID CONDITIONSodiumppmASTM D5185(m)>400<1BoronppmASTM D5185(m)>4001744BariumppmASTM D5185(m)<0MolybdenumppmASTM D5185(m)<0ManganeseppmASTM D5185(m)<<65MagnesiumppmASTM D5185(m)<<11137CalciumppmASTM D5185(m)<654PhosphorusppmASTM D5185(m)<654ZincppmASTM D5185(m)654		Nitration	Abs/cm		>20	7.0		
LUID CONDITION       Sodium       ppm       ASTM D5185(m) >400       <1          Boron       ppm       ASTM D5185(m)       <       174          Barium       ppm       ASTM D5185(m)       <       0          Molybdenum       ppm       ASTM D5185(m)       <       0          Manganese       ppm       ASTM D5185(m)       <       <1          Magnesium       ppm       ASTM D5185(m)        <1          Magnesium       ppm       ASTM D5185(m)        <1          Phosphorus       ppm       ASTM D5185(m)        <1          Phosphorus       ppm       ASTM D5185(m)        <1          Zinc       ppm       ASTM D5185(m)        <1          ASTM D5185(m)       I       I           Magnesium       ppm       ASTM D5185(m)       I       I          Magnesium       ppm       ASTM D5185(m)       I       I          Phosphorus       ppm       ASTM D5185(m)       I       I <td< th=""><th>Sulfation</th><th>Abs/.1mm</th><th>ASTM D7415*</th><th>&gt;30</th><th>16.3</th><th></th><th></th></td<>		Sulfation	Abs/.1mm	ASTM D7415*	>30	16.3		
Boron       ppm       ASTM D5185(m)       174          Barium       ppm       ASTM D5185(m)       0           Molybdenum       ppm       ASTM D5185(m)       0           Manganese       ppm       ASTM D5185(m)       655           Magnesium       ppm       ASTM D5185(m)       <1           Magnesium       ppm       ASTM D5185(m)       <1           Magnesium       ppm       ASTM D5185(m)       <11           Phosphorus       ppm       ASTM D5185(m)       <11137           Zinc       ppm       ASTM D5185(m)       <654		Emulsified Water	scalar	Visual*	>0.2	NEG		
Boron       ppm       ASTM D5185(m)       174          Barium       ppm       ASTM D5185(m)       0           Molybdenum       ppm       ASTM D5185(m)       0           Manganese       ppm       ASTM D5185(m)       655           Magnesium       ppm       ASTM D5185(m)       <1           Magnesium       ppm       ASTM D5185(m)       <1           Magnesium       ppm       ASTM D5185(m)       <11           Phosphorus       ppm       ASTM D5185(m)       <11137           Zinc       ppm       ASTM D5185(m)       <654		Codium			. 400	.4		
BariumppmASTM D5185(m)0MolybdenumppmASTM D5185(m)65ManganeseppmASTM D5185(m)<1MagnesiumppmASTM D5185(m)<11CalciumppmASTM D5185(m)1137PhosphorusppmASTM D5185(m)654ZincppmASTM D5185(m)720					>400			
MolybdenumppmASTM D5185(m)65ManganeseppmASTM D5185(m)<1MagnesiumppmASTM D5185(m)773CalciumppmASTM D5185(m)1137PhosphorusppmASTM D5185(m)654ZincppmASTM D5185(m)720	The condition of the oil is acceptable for the time in service.							
Manganese       ppm       ASTM D5185(m)       <1								
Magnesium       ppm       ASTM D5185(m)       773           Calcium       ppm       ASTM D5185(m)       1137           Phosphorus       ppm       ASTM D5185(m)       654           Zinc       ppm       ASTM D5185(m)       720				. ,				
Calcium       ppm       ASTM D5185(m)       1137          Phosphorus       ppm       ASTM D5185(m)       654          Zinc       ppm       ASTM D5185(m)       720		-						
Phosphorus         ppm         ASTM D5185(m)         654             Zinc         ppm         ASTM D5185(m)         720		-						
Zinc ppm ASTM D5185(m) 720								
Sultur         ppm         ASIM D5185(m)         2098								
		Sultur	ppm	ASTM D5185(m)	0.5	2098		

Oxidation

Visc @ 100°C cSt

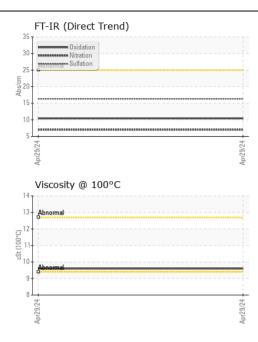
Contact/Location: ? ? - WONTOR

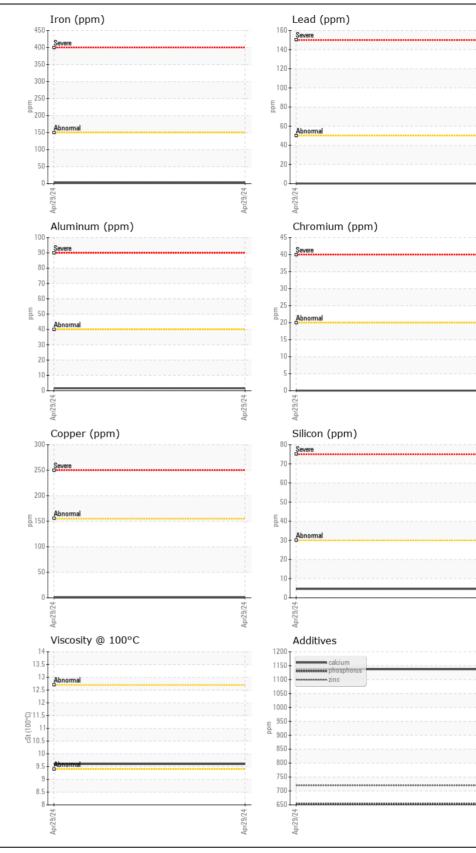
10.4

9.6

Abs/.1mm ASTM D7414\* >25

ASTM D7279(m)







Laboratory: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9Sample No.: WC0631263Received: 06 May 2024Lab Number: 02633477Tested: 06 May 2024Unique Number: 5774630Diagnosed: 06 May 2024 - Kevin MarsonTest Package: MOB 1complex competition: extract Curatement Service: et 1, 800, 268, 2121

To discuss this sample report, contact Customer Service at 1-800-268-2131. Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied. KEVIN WONG 8 MONDEO DRIVE, UNIT #PH14 TORONTO, ON CA M1P 5C7 Contact: mann.motorsport45@gmail.com T: F:

Contact/Location: ? ? - WONTOR Page 2 of 2