

## Machine Id SZLG 530356 Component Diesel Engine Fluid {not provided} (---- GAL)

RECOMMENDATION	
Resample at the next service interval	to monitor. F

Resample at the next service interval to monitor. Please specify the component make and model with your next sample. Please specify the brand, type, and viscosity of the oil on your next sample.

W	FΔ	R

All component wear rates are normal.

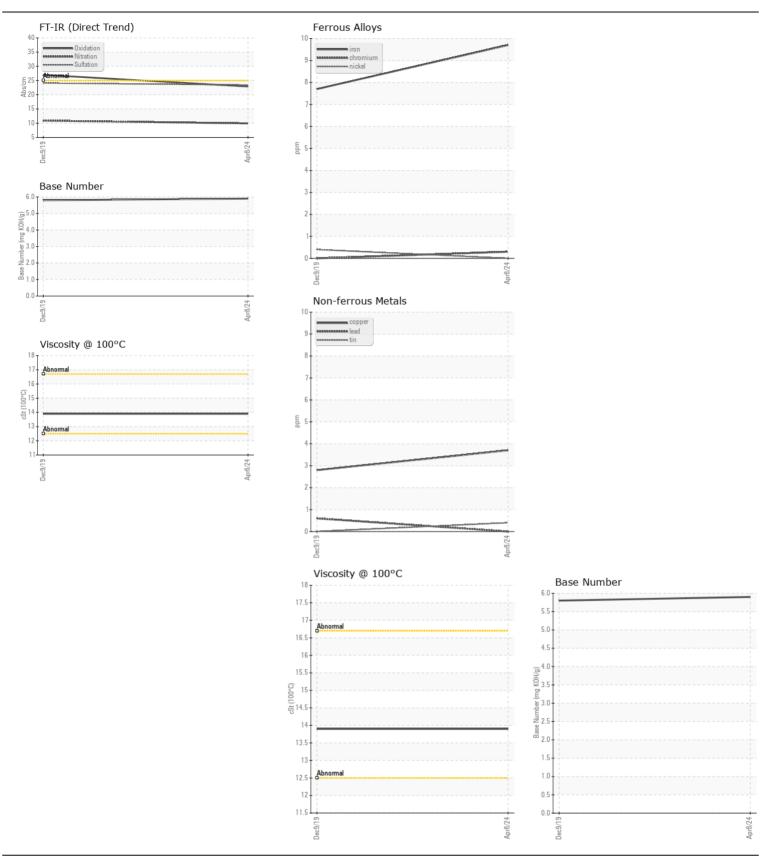
## CONTAMINATION

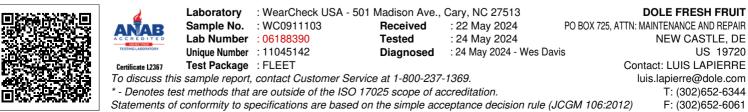
There is no indication of any contamination in the oil.

## **FLUID CONDITION**

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Test     UOM     Method     LimitAbn     Current     History1     History2       Sample Number     Client Info     086 Apr 202     08 Dec 2019        Machine Age     hrs     Client Info     0     0        Machine Age     hrs     Client Info     0     0        Oil Age     hrs     Client Info     N/A     N/A        Filter Age     hrs     Client Info     N/A     N/A        Filter Changed     Client Info     N/A     N/A        Sample Status     Virian     N/A     N/A        Iron     ppm     ASTM D5185m<>-40     0         Nickel     ppm     ASTM D5185m<>-33     <1     0        Silver     ppm     ASTM D5185m<>-30     3         Auminum     ppm     ASTM D5185m<>-30     4     3        Valadum     ppm     ASTM D5185m<>-15     <1     0     -							
Sample Date     Client Info     98 Apr 2024     09 Dec 2019        Machine Age     hrs     Client Info     1559     3130        Oil Age     hrs     Client Info     0     0        Filter Age     hrs     Client Info     N/A     N/A     N/A        Filter Changed     Client Info     N/A     N/A     N/A        Sample Status     Client Info     N/A     N/A        Iron     ppm     ASTM D5185m     >100     10     8        Nickel     ppm     ASTM D5185m     >20     <1     0        Silver     ppm     ASTM D5185m     >3     <1     0        Aluminum     ppm     ASTM D5185m     >3     <1     0        Vanadium     ppm     ASTM D5185m     >30     4     3        Valued     scalar     "Visual     NONE     NONE        Valued     scalar <th>Test</th> <th>UOM</th> <th>Method</th> <th>Limit/Abn</th> <th>Current</th> <th>History1</th> <th>History2</th>	Test	UOM	Method	Limit/Abn	Current	History1	History2
Machine Age     hrs     Client Info     1559     3130        Cil Age     hrs     Client Info     0     0        Filter Age     hrs     Client Info     N/A     N/A        Filter Changed     Client Info     N/A     N/A     N/A        Sample Status     Client Info     N/A     N/A        Iron     ppm     ASTM D5185m     >100     10     8        Chromium     ppm     ASTM D5185m     >20     <1     0        Nickel     ppm     ASTM D5185m     >3     <1     0        Aluminum     ppm     ASTM D5185m     >20     3     3        Vanadium     ppm     ASTM D5185m     >20     3     3        Vanadium     ppm     ASTM D5185m     >15     <1     0        Vanadium     ppm     ASTM D5185m     >25     14     12        VelaodumD	Sample Number		Client Info		WC0911103	WC0388457	
Oil Age     hrs     Client Info     0     0        Filter Age     hrs     Client Info     N/A     N/A     N/A        Oil Changed     Client Info     N/A     N/A     N/A        Filter Changed     Client Info     N/A     N/A        Sample Status     NORMAL     NORMAL     NORMAL        Chromium     ppm     ASTM D5185m     >100     10     8        Nickel     ppm     ASTM D5185m     >20     <1     0        Silver     ppm     ASTM D5185m     >3     <1     0        Qpper     ASTM D5185m     >33     <1     0         Vanadium     ppm     ASTM D5185m     >33     4     3        Vanadium     ppm     ASTM D5185m     >20     <1     0        Ventle Metal     scalar     'Visual     NONE     NONE        Vellow Metal     s	Sample Date		Client Info		08 Apr 2024	09 Dec 2019	
Filter Age     hrs     Client Info     N/A     N/A     N/A       Filter Changed     Client Info     N/A     N/A     N/A	Machine Age	hrs	Client Info		1559	3130	
Filter Age     hrs     Client Info     N/A     N/A     N/A	Oil Age	hrs	Client Info		0	0	
Oil Changed     Client Info     N/A     N/A     N/A        Filter Changed     Client Info     N/A     N/A     N/A        Sample Status     Client Info     N/A     N/A     N/A        Iron     ppm     ASTM D5185m     >100     10     8        Nickel     ppm     ASTM D5185m     >20     <1     0        Silver     ppm     ASTM D5185m     >3     <1     0        Aluminum     ppm     ASTM D5185m     >30     4     3        Vanadium     ppm     ASTM D5185m     >30     4     3        Vanadium     ppm     ASTM D5185m     >30     4     3        Vanadum     ppm     ASTM D5185m     >20     3         Vanadum     ppm     ASTM D5185m     >25     14     12        Vanadum     ppm     ASTM D5185m     >20     <1     2	U	hrs	Client Info		0	0	
Filter Changed Sample Status     Client Info     N/A	•		Client Info		N/A	N/A	
Sample Status     NORMAL     NORMAL     NORMAL        Iron     ppm     ASTM D5185m     >100     10     8        Chromium     ppm     ASTM D5185m     >20     <1     0        Nickel     ppm     ASTM D5185m     >24     0     <1        Silver     ppm     ASTM D5185m     >3     <1     0        Aluminum     ppm     ASTM D5185m     >20     3     3        Lead     ppm     ASTM D5185m     >30     4     3        Copper     ppm     ASTM D5185m     >330     4     3        Vanadium     ppm     ASTM D5185m     >10     NONE     NONE        Value     scalar     *Visual     NONE     NONE         Value     scalar     *Visual     NONE     NONE         Value     vc     Method     >0.2     NEG </th <th>-</th> <th></th> <th>Client Info</th> <th></th> <th>N/A</th> <th>N/A</th> <th></th>	-		Client Info		N/A	N/A	
Iron     ppm     ASTM D5185m     >100     10     8	0				NORMAL	NORMAL	
Chromium     ppm     ASTM D5185m     >20     <1							
Nickel     ppm     ASTM D5185m     >4     0     <1	Iron	ppm	ASTM D5185m	>100	10	8	
Titanium     ppm     ASTM D5185m     0     0        Silver     ppm     ASTM D5185m     >3     <1     0        Aluminum     ppm     ASTM D5185m     >20     3     3        Lead     ppm     ASTM D5185m     >40     0     <1        Copper     ppm     ASTM D5185m     >330     4     3        Vanadium     ppm     ASTM D5185m     >15     <1     0        White Metal     scalar     *Visual     NONE     NONE     NONE        Yellow Metal     scalar     *Visual     NONE     NONE         Yellow Metal     scalar     *Visual     NONE     NONE         Yellow Metal     scalar     *Visual     NONE     NONE         Yellow Metal     scalar     *Visual     NONE     NORE     NEG        Fuel     WC Method     >0	Chromium	ppm	ASTM D5185m	>20	<1	0	
Silver     pm     ASTM D5185m     >3     <1	Nickel	ppm	ASTM D5185m	>4	0	<1	
Aluminum     ppm     ASTM D5185m     >20     3     3        Lead     ppm     ASTM D5185m     >40     0     <1        Copper     ppm     ASTM D5185m     >330     4     3        Vanadium     ppm     ASTM D5185m     >15     <1     0        Vanadium     ppm     ASTM D5185m     >15     <1     0        White Metal     scalar     *Visual     NONE     NONE     NONE        Yellow Metal     scalar     *Visual     NONE     NONE     NONE        Silicon     ppm     ASTM D5185m     >20     <1     2        Yellow Metal     scalar     *Visual     NONE     NONE     NONE        Silicon     ppm     ASTM D5185m     >20     <1     2        Fuel     WC Method     >0.2     NEG         Sot %     % ASTM D7624     >20     9.9 <th>Titanium</th> <th>ppm</th> <th>ASTM D5185m</th> <th></th> <th>0</th> <th>0</th> <th></th>	Titanium	ppm	ASTM D5185m		0	0	
Aluminum     ppm     ASTM D5185m     >20     3     3        Lead     ppm     ASTM D5185m     >40     0     <1        Copper     ppm     ASTM D5185m     >330     4     3        Vanadium     ppm     ASTM D5185m     >15     <1     0        White Metal     scalar     *Visual     NONE     NONE     NONE     NONE        Yellow Metal     scalar     *Visual     NONE     NONE     NONE        Silicon     ppm     ASTM D5185m     >20     <1     2        Yellow Metal     scalar     *Visual     NONE     NONE     NONE        Fuel     WC Method     >0.2     NEG     NEG         Water     WC Method     >0.2     9.9     10.9         Soot %     %     ASTM D7624     >20     9.9     10.9        Sulfation     Abs/(1mm)<	Silver	ppm	ASTM D5185m	>3	<1	0	
Lead     ppm     ASTM D5185m     >40     0     <1	Aluminum		ASTM D5185m	>20	3	3	
Copper     ppm     ASTM D5185m     >330     4     3        Tin     ppm     ASTM D5185m     >15     <1     0        Vanadium     ppm     ASTM D5185m     <1     0        White Metal     scalar     *Visual     NONE     NONE     NONE        Yellow Metal     scalar     *Visual     NONE     NONE     NONE        Silicon     ppm     ASTM D5185m<>25     14     12        Potassium     ppm     ASTM D5185m<>20     <1     2        Water     WC Method     >5     <1.0     <1.0        Water     WC Method     >0.2     NEG     NEG        Soot %     %     *ASTM D7624     >20     9.9     10.9        Sulfation     Abs/(mm     *ASTM D7624     >20     9.9     10.9        Sulfation     Abs/(mm     *ASTM D7624     >20     9.9     10.9	Lead		ASTM D5185m	>40	0	<1	
Tin     ppm     ASTM D5185m     >15     <1			ASTM D5185m	>330	-		
Vanadium     ppm     ASTM D5185m     <1					-		
White Metal     scalar     *Visual     NONE     NONE     NONE     NONE        Yellow Metal     scalar     *Visual     NONE     NONE     NONE        Silicon     ppm     ASTM D5185m     >25     14     12        Potassium     ppm     ASTM D5185m     >20     <1     2        Fuel     WC Method     >5     <1.0     <1.0        Water     WC Method     >0.2     NEG     NEG        Soot %     %     *ASTM D7844     >3     0.2     0.1        Nitration     Abs/cm     *ASTM D7844     >30     23.4     24.1        Sulfation     Abs/tmm     *ASTM D7815     >30     23.4     24.1        Debris     scalar     *Visual     NONE     NONE     NONE        Sand/Dirt     scalar     *Visual     NORML     NORML         Appearance     scalar     *				-			
Yellow Metal     scalar     *Visual     NONE     NONE     NONE        Silicon     ppm     ASTM D5185m     >25     14     12        Potassium     ppm     ASTM D5185m     >20     <1     2        Fuel     WC Method     >5     <1.0     <1.0        Water     WC Method     >0.2     NEG     NEG        Glycol     WC Method     >0.2     NEG     NEG        Soot %     %     *ASTM D7844     >3     0.2     0.1        Nitration     Abs/cm     *ASTM D7624     >20     9.9     10.9        Sulfation     Abs/tmm<*ASTM D7614     >30     23.4     24.1        Sulfation     Abs/tmm<*ASTM D7814     >30     23.4     24.1        Debris     scalar     *Visual     NONE     NONE     NORE        Appearance     scalar     *Visual     NORML     NORML     NORML				NONF			
Silicon     ppm     ASTM D5185m     >25     14     12        Potassium     ppm     ASTM D5185m     >20     <1     2        Fuel     WC Method     >5     <1.0     <1.0        Water     WC Method     >0.2     NEG     NEG        Glycol     WC Method     >0.2     NEG     NEG        Soot %     %     'ASTM D7844     >3     0.2     0.1        Nitration     Abs/cm     'ASTM D7624     >20     9.9     10.9        Sulfation     Abs/cm     'ASTM D7612     >30     23.4     24.1        Silt     scalar     'Visual     NONE     NONE     NONE        Debris     scalar     'Visual     NONE     NORML     NORML        Appearance     scalar     'Visual     NORML     NORML     NORML        Appearance     scalar     'Visual     NORM     NORML					-		
Potassium     ppm     ASTM D5185m     >20     <1		Jouran	(iodui				
Potassium     ppm     ASTM D5185m     >20     <1	Silicon	ppm	ASTM D5185m	>25	14	12	
Water     WC Method     >0.2     NEG     NEG        Glycol     WC Method     NEG     NEG        Soot %     %     *ASTM D7844     >3     0.2     0.1        Nitration     Abs/cm     *ASTM D7624     >20     9.9     10.9        Sulfation     Abs/cm     *ASTM D7624     >20     9.9     10.9        Sulfation     Abs/m     *ASTM D7624     >20     9.9     10.9        Sulfation     Abs/m     *ASTM D7624     >20     9.9     10.9        Sulfation     Abs/m     *ASTM D7624     >20     9.9     10.9        Sulfation     Abs/im     *ASTM D7624     >20     9.9     10.9        Sulfation     Abs/im     *ASTM D7415     >30     23.4     24.1        Sadd/Dirt     scalar     *Visual     NONE     NONE     NONE        Appearance     scalar     *Visual     NORML<	Potassium		ASTM D5185m	>20	<1	2	
Glycol     WC Method     NEG     NEG        Soot %     %     *ASTM D7844     >3     0.2     0.1        Nitration     Abs/cm     *ASTM D7624     >20     9.9     10.9        Sulfation     Abs/cm     *ASTM D7624     >20     9.9     10.9        Sulfation     Abs/cm     *ASTM D7615     >30     23.4     24.1        Silt     scalar     *Visual     NONE     NONE     NONE        Debris     scalar     *Visual     NONE     NONE     NONE        Appearance     scalar     *Visual     NORML     NORML     NORML        Odor     scalar     *Visual     NORML     NORML     NORML        Gor     scalar     *Visual     >0.2     NEG     NEG        Sodium     ppm     ASTM D5185m     10     8        Magnesium     ppm     ASTM D5185m     91     107 <th>Fuel</th> <th></th> <th>WC Method</th> <th>&gt;5</th> <th>&lt;1.0</th> <th>&lt;1.0</th> <th></th>	Fuel		WC Method	>5	<1.0	<1.0	
Soot %     %     *ASTM D7844     >3     0.2     0.1        Nitration     Abs/cm     *ASTM D7624     >20     9.9     10.9        Sulfation     Abs/.1mm     *ASTM D7624     >20     9.9     10.9        Sulfation     Abs/.1mm     *ASTM D7615     >30     23.4     24.1        Silt     scalar     *Visual     NONE     NONE     NONE        Debris     scalar     *Visual     NONE     NONE     NONE        Sand/Dirt     scalar     *Visual     NORM     NORML     NORML        Appearance     scalar     *Visual     NORML     NORML     NORML        Odor     scalar     *Visual     NORML     NORML     NORML        Emulsified Water     scalar     *Visual     >0.2     NEG        Sodium     ppm     ASTM D5185m     10     8        Boron     ppm     ASTM D5185m<	Water		WC Method	>0.2	NEG	NEG	
Soot %     %     *ASTM D7844     >3     0.2     0.1        Nitration     Abs/cm     *ASTM D7624     >20     9.9     10.9        Sulfation     Abs/.1mm     *ASTM D7624     >20     9.9     10.9        Sulfation     Abs/.1mm     *ASTM D7615     >30     23.4     24.1        Silt     scalar     *Visual     NONE     NONE     NONE        Debris     scalar     *Visual     NONE     NONE     NONE        Sand/Dirt     scalar     *Visual     NORM     NORML     NORML        Appearance     scalar     *Visual     NORML     NORML     NORML        Odor     scalar     *Visual     NORML     NORML     NORML        Emulsified Water     scalar     *Visual     >0.2     NEG        Sodium     ppm     ASTM D5185m     10     8        Boron     ppm     ASTM D5185m<	Glycol		WC Method		NEG	NEG	
SulfationAbs/.tmm*ASTM D7415>3023.424.1Siltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONESand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLCodorscalar*VisualNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGSodiumppmASTM D5185m246206BoronppmASTM D5185m00MalganeseppmASTM D5185m91107MagnesiumppmASTM D5185m<11<1PhosphorusppmASTM D5185m1048552ZincppmASTM D5185m11048552SulfurppmASTM D5185m35742026OxidationAbs/.tmm*ASTM D7414>2522.927Base Number (BN)mg KOHgASTM D28965.95.8	-	%	*ASTM D7844	>3	0.2	0.1	
Siltscalar*VisualNONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGSodiumppmASTM D5185m108BoronppmASTM D5185m00MalganeseppmASTM D5185m91107MagnesiumppmASTM D5185m<16201401PhosphorusppmASTM D5185m1048552ZincppmASTM D5185m1275768SulfurppmASTM D5185m35742026OxidationAbs/.tmm*ASTM D28965.95.8	Nitration	Abs/cm	*ASTM D7624	>20	9.9	10.9	
Debrisscalar*VisualNONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGSodiumppmASTM D5185m108BoronppmASTM D5185m00BariumppmASTM D5185m91107MalganeseppmASTM D5185m<11<1MagnesiumppmASTM D5185m16201401PhosphorusppmASTM D5185m1048552ZincppmASTM D5185m1275768SulfurppmASTM D5185m35742026OxidationAbs/.tmm*ASTM D2865.95.8	Sulfation	Abs/.1mm	*ASTM D7415	>30	23.4	24.1	
Sand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGSodiumppmASTM D5185m108BoronppmASTM D5185m00BariumppmASTM D5185m00MolybdenumppmASTM D5185m91107MagneseppmASTM D5185m<112<11MagnesiumppmASTM D5185m16201401PhosphorusppmASTM D5185m1048552ZincppmASTM D5185m1275768SulfurppmASTM D5185m35742026OxidationAbs/.tmm*ASTM D2865.95.8	Silt	scalar	*Visual	NONE	NONE	NONE	
Appearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGSodiumppmASTM D5185m108BoronppmASTM D5185m246206BariumppmASTM D5185m00MolybdenumppmASTM D5185m91107ManganeseppmASTM D5185m<11<1MagnesiumppmASTM D5185m16201401PhosphorusppmASTM D5185m1048552ZincppmASTM D5185m1275768SulfurppmASTM D5185m35742026OxidationAbs/.tmm*ASTM D2865.95.8	Debris	scalar	*Visual	NONE	NONE	NONE	
Odorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGSodiumppmASTM D5185m108BoronppmASTM D5185m246206BariumppmASTM D5185m00MolybdenumppmASTM D5185m91107ManganeseppmASTM D5185m<11<1MagnesiumppmASTM D5185m16201401PhosphorusppmASTM D5185m1048552ZincppmASTM D5185m1275768SulfurppmASTM D5185m35742026OxidationAbs/.1mm*ASTM D28965.95.8	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Odorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.2NEGNEGSodiumppmASTM D5185m108BoronppmASTM D5185m246206BariumppmASTM D5185m00MolybdenumppmASTM D5185m91107ManganeseppmASTM D5185m<11<1MagnesiumppmASTM D5185m16201401PhosphorusppmASTM D5185m1048552ZincppmASTM D5185m1275768SulfurppmASTM D5185m35742026OxidationAbs/.1mm*ASTM D28965.95.8	Appearance	scalar	*Visual	NORML	NORML	NORML	
Emulsified Water     scalar     *Visual     >0.2     NEG     NEG        Sodium     ppm     ASTM D5185m     10     8        Boron     ppm     ASTM D5185m     246     206        Barium     ppm     ASTM D5185m     0     0        Molybdenum     ppm     ASTM D5185m     91     107        Manganese     ppm     ASTM D5185m     <1     <1        Magnesium     ppm     ASTM D5185m     <1620     1401        Phosphorus     ppm     ASTM D5185m     1620     1401        Zinc     ppm     ASTM D5185m     1048     552        Sulfur     ppm     ASTM D5185m     3574     2026        Oxidation     Abs/.1mm<*ASTM D7414     >25     22.9     27        Base Number (BN)     mg KOHg     ASTM D2896     5.9     5.8		scalar		NORML	NORML	NORML	
Sodium     ppm     ASTM D5185m     10     8        Boron     ppm     ASTM D5185m     246     206        Barium     ppm     ASTM D5185m     0     0        Barium     ppm     ASTM D5185m     0     0        Molybdenum     ppm     ASTM D5185m     91     107        Manganese     ppm     ASTM D5185m     <1     <1        Magnesium     ppm     ASTM D5185m     404     458        Calcium     ppm     ASTM D5185m     1620     1401        Phosphorus     ppm     ASTM D5185m     1048     552        Zinc     ppm     ASTM D5185m     1275     768        Sulfur     ppm     ASTM D5185m     3574     2026        Oxidation     Abs/.1mm<*ASTM D7414<>25     22.9     27        Base Number (BN)     mg KOHg     ASTM D2896     5.9     5.8	Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	
Boron     ppm     ASTM D5185m     246     206        Barium     ppm     ASTM D5185m     0     0        Molybdenum     ppm     ASTM D5185m     91     107        Manganese     ppm     ASTM D5185m     <1     <1        Magnesium     ppm     ASTM D5185m     404     458        Calcium     ppm     ASTM D5185m     1620     1401        Phosphorus     ppm     ASTM D5185m     1048     552        Zinc     ppm     ASTM D5185m     1275     768        Sulfur     ppm     ASTM D5185m     3574     2026        Oxidation     Abs/.1mm<*ASTM D7414<>25     22.9     27        Base Number (BN)     mg KOHg     ASTM D2896     5.9     5.8							
Barium     ppm     ASTM D5185m     0     0        Molybdenum     ppm     ASTM D5185m     91     107        Manganese     ppm     ASTM D5185m     <1     <1        Magnesium     ppm     ASTM D5185m     404     458        Calcium     ppm     ASTM D5185m     1620     1401        Phosphorus     ppm     ASTM D5185m     1048     552        Zinc     ppm     ASTM D5185m     1275     768        Sulfur     ppm     ASTM D5185m     3574     2026        Oxidation     Abs/.1mm<*ASTM D7414<>25     22.9     27        Base Number (BN)     mg KOHg     ASTM D2896     5.9     5.8	Sodium	ppm	ASTM D5185m		10	8	
Molybdenum     ppm     ASTM D5185m     91     107        Manganese     ppm     ASTM D5185m     <1     <1        Magnesium     ppm     ASTM D5185m     404     458        Calcium     ppm     ASTM D5185m     1620     1401        Phosphorus     ppm     ASTM D5185m     1048     552        Zinc     ppm     ASTM D5185m     1275     768        Sulfur     ppm     ASTM D5185m     3574     2026        Oxidation     Abs/.1mm<*ASTM D7414<>25     22.9     27        Base Number (BN)     mg KOHg     ASTM D2896     5.9     5.8	Boron	ppm	ASTM D5185m		246	206	
Manganese     ppm     ASTM D5185m     <1	Barium	ppm	ASTM D5185m		0	0	
Magnesium     ppm     ASTM D5185m     404     458        Calcium     ppm     ASTM D5185m     1620     1401        Phosphorus     ppm     ASTM D5185m     1048     552        Zinc     ppm     ASTM D5185m     1275     768        Sulfur     ppm     ASTM D5185m     3574     2026        Oxidation     Abs/.tmm<*ASTM D7414<>25     22.9     27        Base Number (BN)     mg KOH/g     ASTM D2896     5.9     5.8	Molybdenum	ppm	ASTM D5185m		91	107	
Calcium     ppm     ASTM D5185m     1620     1401        Phosphorus     ppm     ASTM D5185m     1048     552        Zinc     ppm     ASTM D5185m     1275     768        Sulfur     ppm     ASTM D5185m     3574     2026        Oxidation     Abs/.tmm     *ASTM D7414     >25     22.9     27        Base Number (BN)     mg KOH/g     ASTM D2896     5.9     5.8	Manganese	ppm	ASTM D5185m		<1	<1	
Phosphorus     ppm     ASTM D5185m     1048     552        Zinc     ppm     ASTM D5185m     1275     768        Sulfur     ppm     ASTM D5185m     3574     2026        Oxidation     Abs/.tmm     *ASTM D7414     >25     22.9     27        Base Number (BN)     mg KOH/g     ASTM D2896     5.9     5.8	Magnesium	ppm	ASTM D5185m		404	458	
Zinc     ppm     ASTM D5185m     1275     768        Sulfur     ppm     ASTM D5185m     3574     2026        Oxidation     Abs/.1mm     *ASTM D7414     >25     22.9     27        Base Number (BN)     mg KOH/g     ASTM D2896     5.9     5.8	Calcium	ppm	ASTM D5185m		1620	1401	
Zinc     ppm     ASTM D5185m     1275     768        Sulfur     ppm     ASTM D5185m     3574     2026        Oxidation     Abs/.1mm     *ASTM D7414     >25     22.9     27        Base Number (BN)     mg KOH/g     ASTM D2896     5.9     5.8	Phosphorus	ppm	ASTM D5185m		1048	552	
Sulfur     ppm     ASTM D5185m     3574     2026        Oxidation     Abs/.1mm     *ASTM D7414     >25     22.9     27        Base Number (BN)     mg KOH/g     ASTM D2896     5.9     5.8	Zinc	ppm	ASTM D5185m		1275	768	
Base Number (BN)     mg KOH/g     ASTM D2896     5.9     5.8	Sulfur		ASTM D5185m		3574	2026	
Base Number (BN)     mg KOH/g     ASTM D2896     5.9     5.8	Oxidation	Abs/.1mm	*ASTM D7414	>25	22.9	27	
	Base Number (BN)						
	Visc @ 100°C						





Contact/Location: LUIS LAPIERRE - DOLWIL Page 2 of 2