

**WEAR CONTAMINATION FLUID CONDITION**  **NORMAL NORMAL NORMAL** 

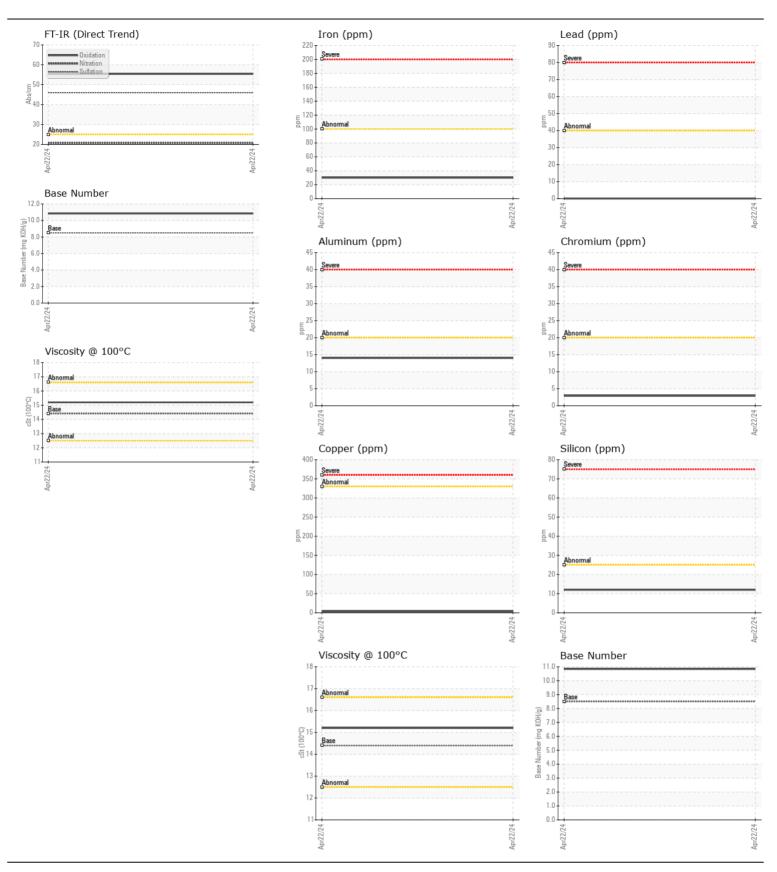
## SOUTH HOLLAND

JLG 600S PL2706 (S/N 262706)

Diesel Engine

DIESEL ENGINE OIL 10W40 (--- GAL)

Test	DIESEL ENGINE OIL 10W40 ( GAL)							
Resample at the next service interval to monitor.   Sample Date   Client Info   Sample Date   Client Info   Sample Date   Client Info   1588   Client Info   0   Clipton Info   Clipton Info   Client Info   0   Clipton Info   Client Info   0   Clipton Info   Client In	RECOMMENDATION	Test	UOM	Method	I imit/Abn	Current	History1	History2
Sample Date   Client Info   24 prograp   32 prograp   3156   30   30   30   30   30   30   30   3	TESSIMIENDATION							
Machine Age   brs   Cilent Info   0	Resample at the next service interval to monitor.							
Oil Age			hrs					
Filter Age		•						
Oil Changed   Client Info   NA   NA   NA   NA   NA   NA   NA   N								
Filter Changed   Sample Status			1110					
Normal								
Iron		_		Oliciti IIIIO				
Chromium   ppm   ASTM D6185m   4						·····		
Chromium   ppm   ASTM D6185m   4	WEAR	Iron	ppm	ASTM D5185m	>100	30		
Nickel   ppm   ASTM D5155m   34   -1		Chromium	ppm	ASTM D5185m	>20	3		
Titanium   ppm   ASTM D5185m   <1	All component wear rates are normal.	Nickel				<1		
Silver   ppm   ASTM D5186m   >20   14		Titanium		ASTM D5185m		<1		
Aluminum   ppm   ASTM D586m   2-00   14		Silver		ASTM D5185m	>3	0		
Lead   ppm   ASTM D5185m   4-0   0   0   0   0   0   0   0   0   0								
Copper								
Tin								
Vanadium   ppm   ASTM 05185m   Value   NONE   NONE   NONE   Value   NONE   NO								
White Metal Yellow Metal   Scalar   Visual   NONE   NONE		Vanadium						
Vellow Metal   Scalar   Visual   NONE   NO					NONE			
CONTAMINATION								
Potassium   ppm   ASTM D5185m   >20   1				v 100aa1				
Potassium   ppm   ASTM D5185m   >20   1	CONTAMINATION	Silicon	ppm	ASTM D5185m	>25	12		
Water   WC Method   So   2, NEG		Potassium	ppm	ASTM D5185m	>20	1		
Glycol   Soot % %	There is no indication of any contamination in the oil.	Fuel		WC Method	>5	<1.0		
Soot %		Water		WC Method	>0.2	NEG		
Nitration   Abs/cm   *ASTM D7624   >20   20.7		Glycol		WC Method		NEG		
Sulfation   Abs/.tmm   *ASTM D7415   >30   46.0		Soot %	%	*ASTM D7844	>3	0.2		
Silt   Scalar   *Visual   NONE   NONE   NONE   Sand/Dirt   Scalar   *Visual   NONE   NONE   NONE   Sand/Dirt   Scalar   *Visual   NONE   NONE   Sand/Dirt   Scalar   *Visual   NONE   NONE   Scalar   *Visual   NORE   NONE   Scalar   *Visual   NORE   NORE   Scalar   *Visual		Nitration	Abs/cm	*ASTM D7624	>20	20.7		
Debris   Scalar   *Visual   NONE   NONE   NONE   Appearance   Scalar   *Visual   NONE   NON		Sulfation	Abs/.1mm	*ASTM D7415	>30	46.0		
Sand/Dirt   Scalar   *Visual   NONE   NORML   NORML		Silt	scalar	*Visual	NONE	NONE		
Appearance   Scalar   *Visual   NORML   NORM		Debris	scalar	*Visual	NONE	NONE		
Color   Scalar   *Visual   NORML   N		Sand/Dirt	scalar	*Visual	NONE	NONE		
Emulsified Water   scalar *Visual   >0.2   NEG		Appearance	scalar	*Visual	NORML	NORML		
Sodium   ppm   ASTM D5185m   250   21		Odor	scalar	*Visual	NORML	NORML		
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.    Barium   ppm   ASTM D5185m   10   2           Molybdenum   ppm   ASTM D5185m   100   534           Magnesium   ppm   ASTM D5185m   100   534           Magnesium   ppm   ASTM D5185m   450   899           Calcium   ppm   ASTM D5185m   3000   2681           Phosphorus   ppm   ASTM D5185m   1150   1097           Zinc   ppm   ASTM D5185m   1350   1250           Sulfur   ppm   ASTM D5185m   4250   10292           Oxidation   Abs/.1mm   *ASTM D7414   >25   55.4           Base Number (BN)   mg KOHg   ASTM D2896   8.5   10.84		<b>Emulsified Water</b>	scalar	*Visual	>0.2	NEG		
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oil. The condition of the oil is suitable for further service.    Molybdenum   ppm   ASTM D5185m   100   534         Manganese   ppm   ASTM D5185m   450   899         Calcium   ppm   ASTM D5185m   3000   2681         Phosphorus   ppm   ASTM D5185m   1150   1097         Zinc   ppm   ASTM D5185m   1350   1250         Sulfur   ppm   ASTM D5185m   4250   10292         Oxidation   Abs/.1mm   *ASTM D7414   >25   55.4         Base Number (BN)   mg KOHg   ASTM D2896   8.5   10.84	The RN result indicates that there is suitable alkalinity remaining in the		ppm					
Manganese         ppm         ASTM D5185m         1             Magnesium         ppm         ASTM D5185m         450         899             Calcium         ppm         ASTM D5185m         3000         2681             Phosphorus         ppm         ASTM D5185m         1150         1097             Zinc         ppm         ASTM D5185m         1350         1250             Sulfur         ppm         ASTM D5185m         4250         10292             Oxidation         Abs/.1mm         *ASTM D7414         >25         55.4             Base Number (BN)         mg KOH/g         ASTM D2896         8.5         10.84								
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Calcium         ppm         ASTM D5185m         3000         2681             Phosphorus         ppm         ASTM D5185m         1150         1097             Zinc         ppm         ASTM D5185m         1350         1250             Sulfur         ppm         ASTM D5185m         4250         10292             Oxidation         Abs/.1mm         *ASTM D7414         >25         55.4             Base Number (BN)         mg KOH/g         ASTM D2896         8.5         10.84			ppm					
Phosphorus         ppm         ASTM D5185m         1150         1097             Zinc         ppm         ASTM D5185m         1350         1250             Sulfur         ppm         ASTM D5185m         4250         10292             Oxidation         Abs/.1mm         *ASTM D7414         >25         55.4             Base Number (BN)         mg KOH/g         ASTM D2896         8.5         10.84		0						
Zinc         ppm         ASTM D5185m         1350         1250             Sulfur         ppm         ASTM D5185m         4250         10292             Oxidation         Abs/.1mm         *ASTM D7414         >25         55.4             Base Number (BN)         mg KOH/g         ASTM D2896         8.5         10.84								
Sulfur         ppm         ASTM D5185m         4250         10292             Oxidation         Abs/.1mm         *ASTM D7414         >25         55.4             Base Number (BN)         mg KOH/g         ASTM D2896         8.5         10.84								
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Base Number (BN) mg KOH/g ASTM D2896 8.5 10.84								
Visc @ 100°C cSt ASTM D445 14.4 15.2								
		Visc @ 100°C	cSt	ASTM D445	14.4	15.2		





Certificate L2367

Laboratory Sample No.

Lab Number : 06159315 Unique Number: 10994738

: HPL0003817 Test Package : MOB 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 24 Apr 2024 **Tested** : 25 Apr 2024 Diagnosed

: 26 Apr 2024 - Don Baldridge

STEVENSON CRANE 410 STEVENSON DR BOLINGBROOK, IL US 60440 Contact: DAVE KOEHNE

davidk@stevensoncrane.com T: (630)972-9199

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

To discuss this sample report, contact Customer Service at 1-800-237-1369.

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