

2H28 Machine Id PETERBILT PB348 RTK6250 (S/N 2NP3LJ0X4KM622512)

Transmission (Auto)

DEXRON III (--- QTS)

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DEXRON III. Please confirm.

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the fluid.

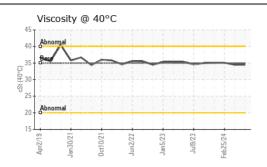
FLUID CONDITION

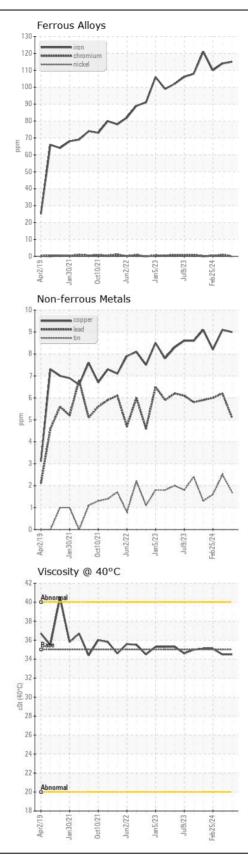
The condition of the fluid is acceptable for the time in service.

Sample DateClient Info25 Jun 202427 Apr 202425 Feb 2024Machine AgemlsClient Info102131970970Oil AgemlsClient Info000Filter AgemlsClient InfoN/AN/AN/AFilter ChangedClient InfoN/AN/AN/ASample StatusClient InfoN/AN/AN/ASample StatusClient InfoN/AN/AN/AIronppmASTM D5185m>160115114110ChromiumppmASTM D5185m>50<1<1NickelppmASTM D5185m>5<11<1TitaniumppmASTM D5185m>50<10SilverppmASTM D5185m>50161516LeadppmASTM D5185m>505666CopperppmASTM D5185m>10222VanadiumppmASTM D5185m>10222VanadiumppmASTM D5185m>100<1<1White Metalscalar*VisualNONENONENONENONESiliconppmASTM D5185m>20886PotassiumppmASTM D5185m>20443WaterWC Method>0.1NEGNONENONESiliconppmASTM D5185m>2088							
Sample DateClient Info25 Jun 202427 Apr 202425 Feb 2024Machine AgemlsClient Info102131970970Oil AgemlsClient Info000Filter AgemlsClient InfoN/AN/AN/AGli ChangedClient InfoN/AN/AN/AN/AFilter ChangedClient InfoN/AN/AN/AN/ASample StatusClient InfoN/AN/AN/AN/AChromiumppmASTM D5185>500<11<11ChromiumppmASTM D5185>5<111<11NickelppmASTM D5185>501615516CopperppmASTM D5185>50161516LeadppmASTM D5185>50161516CopperppmASTM D5185>50161516LeadppmASTM D5185>50161616VanadiumppmASTM D5185>22998Yellow Metalscalar*VisualNONENONENONENONESiliconppmASTM D5185>20443VaterWC Method>0.1NORENONENONENONESiliconppmASTM D5185>20443OdatassiumppmASTM D5185>20443Debrisscalar <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 AgemisClient InfoID2131970970Oil AgemisClient Info000Filter AgemisClient InfoN/AN/AN/AFilter ChangedClient InfoN/AN/AN/AFilter ChangedClient InfoN/AN/AN/ASample StatusVision>160115114110ChromiumppmASTM D5185m>500<1<1IronppmASTM D5185m>500<10SilverppmASTM D5185m>50161516LeadppmASTM D5185m>50566CopperppmASTM D5185m>50566CopperppmASTM D5185m>50161516LeadppmASTM D5185m>20387VanadiumppmASTM D5185m>20886PotassiumppmASTM D5185m>20886PotassiumppmASTM D5185m>20886PotassiumppmASTM D5185m>20886PotassiumppmASTM D5185m>20886PotassiumppmASTM D5185m>20886PotassiumppmASTM D5185m>20886PotassiumppmASTM D5185m2044 <t< th=""><th>Sample Number</th><th></th><th>Client Info</th><th></th><th>ARI06221738</th><th>ARI06161852</th><th>ARI06100559</th></t<>	Sample Number		Client Info		ARI06221738	ARI06161852	ARI06100559
Oil Age Filter AgemisClient Info000Filter AgemisClient InfoN/AN/AN/AFilter ChangedClient InfoN/AN/AN/ASample StatusClient InfoN/AN/AN/AIronppmASTM D5185m>160115114110ChromiumppmASTM D5185m>50<1<1NickelppmASTM D5185m>50<1<1TitaniumppmASTM D5185m>5000AluminumppmASTM D5185m>501615516LeadppmASTM D5185m>50566CopperppmASTM D5185m>50566CopperppmASTM D5185m>225998TinppmASTM D5185m>203886PotassiumppmASTM D5185m>20886PotassiumppmASTM D5185m>20886PotassiumppmASTM D5185m>20443WaterWC Method0.11NONENONENONENONESodiumppmASTM D5185m>20443Agearancescalar*VisualNONENONENONENONESodiumppmASTM D5185m>20886PotassiumppmASTM D5185m<	Sample Date		Client Info		25 Jun 2024	27 Apr 2024	25 Feb 2024
Filter Age mis Client Info 0 0 0 Oil Changed Client Info N/A N/A N/A N/A Filter Changed Client Info N/A N/A N/A N/A Sample Status NORMAL NORMAL NORMAL NORMAL NORMAL Iron ppm ASTM D5185m >5 0 <1 <1 Nickel ppm ASTM D5185m >5 <1 1 <1 Nickel ppm ASTM D5185m >5 <1 1 <1 Nickel ppm ASTM D5185m >5 <1 1 <1 Nickel ppm ASTM D5185m >50 16 15 16 Lead ppm ASTM D5185m >50 16 1 <1 <1 Vanadium ppm ASTM D5185m >20 8 8 6 Potassium ppm ASTM D5185m >20 8 8 6 <th>Machine Age</th> <th>mls</th> <th>Client Info</th> <th></th> <th>102131</th> <th>97097</th> <th>0</th>	Machine Age	mls	Client Info		102131	97097	0
Oil Charged Filter ChargedClient InfoN/AN/AN/ASample StatusClient InfoN/AN/AN/AIronppmASTM D5185m>160115114110ChromiumppmASTM D5185m>50<1<1NickelppmASTM D5185m>5<11<1NickelppmASTM D5185m>5<11<1TitaniumppmASTM D5185m>50161516LeadppmASTM D5185m>50161516LeadppmASTM D5185m>50566CopperppmASTM D5185m>50161516VanadiumppmASTM D5185m>10222VanadiumppmASTM D5185m>20886PotassiumppmASTM D5185m>20886PotassiumppmASTM D5185m>20886SiliconppmASTM D5185m>20886PotassiumppmASTM D5185m>20443WaterWC Method>0.1NONENONENONESoliconppmASTM D5185m>20886PotassiumppmASTM D5185m>20443SoliconppmASTM D5185m>20886PotassiumppmASTM D5185m <th>Oil Age</th> <th>mls</th> <th>Client Info</th> <th></th> <th>0</th> <th>0</th> <th>0</th>	Oil Age	mls	Client Info		0	0	0
Filter Changed Client Info N/A N/A N/A N/A Sample Status Client Info N/A NORMAL NORMAL NORMAL NORMAL Iron ppm ASTM D5185m >160 115 114 110 Chromium ppm ASTM D5185m >5 <1 1 <1 Nickel ppm ASTM D5185m >5 <1 1 <1 Silver ppm ASTM D5185m >5 0 0 0 Aluminum ppm ASTM D5185m >50 5 6 6 Copper ppm ASTM D5185m >50 5 6 6 Vanadium ppm ASTM D5185m >10 2 2 2 Vanadium ppm ASTM D5185m >10 2 1 <1 Yellow Metal scalar 'Visual NONE NONE NONE NONE Yellow Metal scalar 'Visual NONE	Filter Age	mls	Client Info		0	0	0
Sample Status NORMAL NORMAL NORMAL NORMAL Iron ppm ASTM D5185m >160 115 114 110 Chromium ppm ASTM D5185m >5 0 <1 <1 Nickel ppm ASTM D5185m >5 <1 1 <1 Titanium ppm ASTM D5185m >5 0 0 0 Aluminum ppm ASTM D5185m >50 16 15 16 Lead ppm ASTM D5185m >50 5 6 6 Copper ppm ASTM D5185m >10 2 2 2 Vanadium ppm ASTM D5185m >10 2 2 2 Vanadium ppm ASTM D5185m >10 2 2 2 Vanadium ppm ASTM D5185m >20 8 8 6 Potassium ppm ASTM D5185m >20 4 4 3 <	Oil Changed		Client Info		N/A	N/A	N/A
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Chromium ppm ASTM D5185m >5 0 <1	Sample Status				NORMAL	NORMAL	NORMAL
Chromium ppm ASTM D5185m >5 0 <1				100	445		
Nickel ppm ASTM D5185m >5 <1	-				-		
Titanium ppm ASTM D5185m O <1					-		
Silver ppm ASTM D5185m >5 0 0 0 Aluminum ppm ASTM D5185m >50 16 15 16 Lead ppm ASTM D5185m >50 5 6 6 Copper ppm ASTM D5185m >225 9 9 8 Tin ppm ASTM D5185m >10 2 2 2 Vanadium ppm ASTM D5185m >10 0 <1 <1 White Metal scalar *Visual NONE NONE NONE NONE NONE Yellow Metal scalar *Visual NONE NONE NONE NONE NONE Silicon ppm ASTM D5185m<>20 8 8 6 6 Potassium ppm ASTM D5185m<>20 4 4 3 Water wc Method >0.1 NEG NORE NORE Sand/Dirt scalar *Visual NORE				c<			
Aluminum ppm ASTM D5185m >50 16 15 16 Lead ppm ASTM D5185m >50 5 6 6 Copper ppm ASTM D5185m >225 9 9 8 Tin ppm ASTM D5185m >10 2 2 2 Vanadium ppm ASTM D5185m 0 0 <1 <1 White Metal scalar *Visual NONE NONE NONE NONE Yellow Metal scalar *Visual NONE NONE NONE NONE NONE Silicon ppm ASTM D5185m >20 8 8 6 9 Silicon ppm ASTM D5185m >20 4 4 3 Water WC Method >0.1 NEG NORE NORE Debris scalar *Visual NORE NONE NORML NORML Appearance scalar *Visual				. 5			
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Copper ppm ASTM D5185m >225 9 9 8 Tin ppm ASTM D5185m >10 2 2 2 Vanadium ppm ASTM D5185m >10 0 <1 <1 White Metal scalar *Visual NONE NONE NONE NONE Yellow Metal scalar *Visual NONE NONE NONE NONE Silicon ppm ASTM D5185m >20 8 8 6 Potassium ppm ASTM D5185m >20 4 4 3 Water WC Method >0.1 NEG NEG NEG Silt scalar *Visual NONE NONE NONE NONE Debris scalar *Visual NONE NONE NONE NORML NORML Appearance scalar *Visual NORML NORML NORML NORML NORML Cdor scalar <td< th=""><th></th><th></th><th></th><th></th><th>-</th><th></th><th></th></td<>					-		
TinppmASTM D5185m>10222VanadiumppmASTM D5185m>100<1<1White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiliconppmASTM D5185m>20443WaterWC Method>0.1NEGNEGNONESilitscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLCodorscalar*VisualNORMLNORMLNORMLNORMLBoronppmASTM D5185m7768BoronppmASTM D5185m<112<1ManganeseppmASTM D5185m3333MagnesiumppmASTM D5185m394835PhosphorusppmASTM D5185m394835PhosphorusppmASTM D5185m580SulfurppmASTM D5185m5694449					-		
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Yellow Metalscalar*VisualNONENONENONENONESiliconppmASTM D5185m>20886PotassiumppmASTM D5185m>20443WaterWC Method>0.1NEGNEGNEGSiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLOdorscalar*Visual>0.1NEGNEGNEGSodiumppmASTM D5185m768BoronppmASTM D5185m93110121BariumppmASTM D5185m01<1MolybdenumppmASTM D5185m333MaganesiumppmASTM D5185m394835PhosphorusppmASTM D5185m580SulfurppmASTM D5185m580SulfurppmASTM D5185m580				NONE	-		
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PotassiumppmASTM D5185m>20443WaterWC Method>0.1NEGNEGNEGSiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGSodiumppmASTM D5185m768BoronppmASTM D5185m93110121BariumppmASTM D5185m01<1MagnesiumppmASTM D5185m3333MagnesiumppmASTM D5185m394835PhosphorusppmASTM D5185m580SulfurppmASTM D5185m580		scalar	visual	NONE		NONE	NONE
WaterWC Method>0.1NEGNEGNEGSiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEGNEGSodiumppmASTM D5185m7688BoronppmASTM D5185m93110121121BariumppmASTM D5185m01<1<1MagnesiumppmASTM D5185m3333MagnesiumppmASTM D5185m39483510PhosphorusppmASTM D5185m5803SulfurppmASTM D5185m580449	Silicon	ppm	ASTM D5185m	>20	8	8	6
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Debrisscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEGSodiumppmASTM D5185m768BoronppmASTM D5185m93110121BariumppmASTM D5185m<12<1MolybdenumppmASTM D5185m<333MagnesiumppmASTM D5185m0100CalciumppmASTM D5185m394835PhosphorusppmASTM D5185m580SulfurppmASTM D5185m580	Water		WC Method	>0.1	NEG	NEG	NEG
Sand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEGNEGSodiumppmASTM D5185m7688BoronppmASTM D5185m93110121BariumppmASTM D5185m<12<1MolybdenumppmASTM D5185m01<1MagnesiumppmASTM D5185m3333MagnesiumppmASTM D5185m394835PhosphorusppmASTM D5185m580SulfurppmASTM D5185m5449449	Silt	scalar	*Visual	NONE	NONE	NONE	NONE
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Odorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEGSodiumppmASTM D5185m768BoronppmASTM D5185m93110121BariumppmASTM D5185m<12<1MolybdenumppmASTM D5185m01<1ManganeseppmASTM D5185m3333MagnesiumppmASTM D5185m010CalciumppmASTM D5185m394835PhosphorusppmASTM D5185m580SulfurppmASTM D5185m5449449	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Emulsified Waterscalar*Visual>0.1NEGNEGNEGSodiumppmASTM D5185m768BoronppmASTM D5185m93110121BariumppmASTM D5185m<<12<1MolybdenumppmASTM D5185m01<1<1ManganeseppmASTM D5185m3333MagnesiumppmASTM D5185m010CalciumppmASTM D5185m394835PhosphorusppmASTM D5185m2662422243ZincppmASTM D5185m580SulfurppmASTM D5185m694449	Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Sodium ppm ASTM D5185m 7 6 8 Boron ppm ASTM D5185m 93 110 121 Barium ppm ASTM D5185m <1 2 <1 Molybdenum ppm ASTM D5185m <1 2 <1 Manganese ppm ASTM D5185m 0 1 <1 Magnesium ppm ASTM D5185m 3 3 3 Magnesium ppm ASTM D5185m 0 1 0 Calcium ppm ASTM D5185m 39 48 35 Phosphorus ppm ASTM D5185m 39 48 35 Phosphorus ppm ASTM D5185m 266 242 243 Zinc ppm ASTM D5185m 5 8 0 Sulfur ppm ASTM D5185m 694 449	Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Boron ppm ASTM D5185m 93 110 121 Barium ppm ASTM D5185m <1 2 <1 Molybdenum ppm ASTM D5185m 0 1 <1 Manganese ppm ASTM D5185m 3 3 3 Magnesium ppm ASTM D5185m 0 1 0 Calcium ppm ASTM D5185m 39 48 35 Phosphorus ppm ASTM D5185m 266 242 243 Zinc ppm ASTM D5185m 5 8 0 Sulfur ppm ASTM D5185m 694 449	Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG
Boron ppm ASTM D5185m 93 110 121 Barium ppm ASTM D5185m <1	Sodium	ppm	ASTM D5185m		7	6	8
Barium ppm ASTM D5185m <1			ASTM D5185m		93		
Molybdenum ppm ASTM D5185m 0 1 <1	Barium		ASTM D5185m		<1		<1
Manganese ppm ASTM D5185m 3 3 Magnesium ppm ASTM D5185m 0 1 0 Calcium ppm ASTM D5185m 39 48 35 Phosphorus ppm ASTM D5185m 266 242 243 Zinc ppm ASTM D5185m 5 8 0 Sulfur ppm ASTM D5185m 694 449	Molybdenum		ASTM D5185m		0	1	<1
Magnesium ppm ASTM D5185m 0 1 0 Calcium ppm ASTM D5185m 39 48 35 Phosphorus ppm ASTM D5185m 266 242 243 Zinc ppm ASTM D5185m 5 8 0 Sulfur ppm ASTM D5185m 851 694 449	Manganese		ASTM D5185m		3	3	3
Phosphorus ppm ASTM D5185m 266 242 243 Zinc ppm ASTM D5185m 5 8 0 Sulfur ppm ASTM D5185m 851 694 449	Magnesium	ppm	ASTM D5185m		0	1	0
Zinc ppm ASTM D5185m 5 8 0 Sulfur ppm ASTM D5185m 851 694 449	Calcium	ppm	ASTM D5185m		39	48	35
Sulfur ppm ASTM D5185m 851 694 449	Phosphorus		ASTM D5185m		266	242	243
	Zinc	ppm	ASTM D5185m		5	8	0
	Sulfur	ppm	ASTM D5185m		851	694	449

Report Id: AR5202CHE [WUSCAR] 06221738 (Generated: 06/27/2024 21:36:30) Rev: 1

Contact/Location: JOHN SLOAN - AR5202CHE





INSITUFORM TECHNOLOGIES, INC 17988 EDISON AVE. CHESTERFIELD, MO : 27 Jun 2024 - Wes Davis US 63005 Contact: JOHN SLOAN ARICHTER@INSITUFORM.COM T: (314)280-7555 F:



Unique Number : 11099935 Diagnosed Test Package : CONST Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. * - 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)

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

Received

Tested

: 26 Jun 2024

: 27 Jun 2024

Laboratory

Sample No.

Lab Number : 06221738

: ARI06221738

Contact/Location: JOHN SLOAN - AR5202CHE Page 2 of 2