

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL

PALASYN 45 Machine Id PALATEK 20CE001048 - WALNUT GROVE WEST Component Compressor

Resample at the next service interval to monitor. Sample Number Client Inf U US0803100 Sample Date Client Inf U 3936 2905 Machine Age hrs Client Inf U 3936 2905 Machine Age hrs Client Info U 1000 400 Micro Sample Satur Client Info V NorMat NorMat WEAR Iron pm ASTM D5185 S0 0 All component wear rates are normal. Iron pm ASTM D5185 S0 0 Nice pm ASTM D5185 S0 0 All component wear rates are normal. Fim S0 S1 0 </th <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>								
Sample Date Client link Statistics Stat	RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Date Client Info 03 J204 80be 2020 ··· Machine Age in Client Info 336 90.0 ··· Filter Age ins Client Info 1000 40.0 ··· Filter Age ins Client Info 1000 40.0 ··· Ol Changed Client Info No 60.0 Changed 1 1 Changed 1 Changed 1	Resample at the next service interval to monitor.	Sample Number		Client Info		UCS06232367	UCS06051068	
Oil AgeNrsOlient InfoI100080.009.70Filter AgeNrsClient InfoI1000400OIC AgeClient InfoIClient InfoNr Changed0.70Filter ChangesIClient InfoNr ChangedNr ChangedWEARIronpmStM D5156-5000.0Al component wear rates are normal.IronpmStM D5156-5000.0NickelpmStM D5156-500.00.0All component wear rates are normal.NickelpmStM D5156-500.0NickelpmStM D5156-500.0All component wear rates are normal.NickelpmStM D5156-500.0 </th <th> F</th> <th>Sample Date</th> <th></th> <th>Client Info</th> <th></th> <th>03 Jul 2024</th> <th>28 Dec 2023</th> <th></th>	F	Sample Date		Client Info		03 Jul 2024	28 Dec 2023	
Filter Age ins Client Info 1000 40.0 Oil Changed Client Info Not Changed Reanged Filter Ohanged Oil Changed Oil Changed Oil Changed NORMAI WEAR Iron pm ASTAD5150 -50 0.0 0.0 All component wear rates are normal. Iron pm ASTAD5150 -50 0.0 0.0 Nicke ppm ASTAD5150 -50 0.0 0.0 Nicke ppm ASTAD5150 -50 0.0 0.0 Micke ppm ASTAD5150 50 0.0 0.0 Aluminum ppm ASTAD5150 52 0 0.0 Mardium ppm ASTAD5150 50 0 Mardium ppm ASTAD5150 52 0 0 Variatim ppm <td< th=""><th></th><th>Machine Age</th><th>hrs</th><th>Client Info</th><th></th><th>3936</th><th>2905</th><th></th></td<>		Machine Age	hrs	Client Info		3936	2905	
Oil Changed Client Into Not Changed Ch		Oil Age	hrs	Client Info		1000	800	
Filter Changed Sample Status Client Into Sample Status Changed NORMAL		Filter Age	hrs	Client Info		1000	400	
Sample StatusNORMANORMANormalWEARIronpmASM (SISMS.0000All component wear rates are normal.NorkelpmASM (SISM0000NickelpmASM (SISM000000SilverpmASM (SISM000000SilverpmASM (SISM25000000AuminumpmASM (SISM25000000CopperASM (SISM250000000TimpmASM (SISM250000000VanadiumscalaVisualNOKNOKNOKNOK0000ValedscalaVisualNOKNOKNOKNOKNOKNOK0000ValedscalaVisualNOKNOKNOKNOKNOKNOKNOKNOK00 </th <th></th> <th>Oil Changed</th> <th></th> <th>Client Info</th> <th></th> <th>Not Changd</th> <th>Changed</th> <th></th>		Oil Changed		Client Info		Not Changd	Changed	
WEAR Iron ppm ASTM DS18m >50 0 0		•		Client Info		Changed	Changed	
All component wear rates are normal. Chromium ppm ASTM D518m >10 0 0 Nickel ppm ASTM D518m C 0 0 Titanium ppm ASTM D518m C 0 0 Silver ppm ASTM D518m -2 0 0 Aluminum ppm ASTM D518m >25 0 0 Lead ppm ASTM D518m >50 0 Vanadium ppm ASTM D518m >50 0		Sample Status				NORMAL	NORMAL	
Nickel ppm ASTM D5186m 0 0	WEAR	Iron	ppm	ASTM D5185m	>50	0	0	
Nickel pm ASTM D5183··· 0 0 Titation pm ASTM D5183··· 0 0 Silver pm ASTM D5183··· 20 0.0 Aluminum pm ASTM D5185··· 20 0.0 Lead pm ASTM D5185··· 20 0.0 Tin pm ASTM D5185··· 50 0.0 Vanadium pm ASTM D5185··· 0.0 Tin pm ASTM D5185··· 0.0 Vanadium pm ASTM D5185··· 0.0 Polon scalar Visual NONE NONE NONE NONE Siltor scalar Visual NONE		Chromium	ppm	ASTM D5185m	>10	0	0	
Silver pp ASTM D5185m Q 0 0 Aluminum ppm ASTM D5185m >225 0.0 0.0 Lead ppm ASTM D5185m >255 0.0 0.0 Copper ppm ASTM D5185m >255 0.0 0.1 Tin ppm ASTM D5185m >255 0.0 0.1 Vanadium ppm ASTM D5185m >50 0.1 Vanadium ppm ASTM D5185m >50 0.0 Vanadium ppm ASTM D5185m >20 0.0 Vanadium ppm ASTM D5185m >20 0.0 Visiou NONE NONE NONE NONE NONE Silicon ppm ASTM D5185m >20 0.0 0 Sadd/Dirt scalar Visual		Nickel	ppm	ASTM D5185m		0	0	
Aluminum LeadpmASTM 05168 PPM>2500LeadpmASTM 05168>2500CopperpmASTM 05168>100TinpmASTM 05168>100VanadiumpmASTM 05168>100VanadiumpmASTM 05168>100VanadiumpmASTM 05168>100VanadiumpmASTM 05168>100Valow MetalscalaVisualNONENONENONENONEPollow MetalscalaVisualNONENONE0Nerre is no indication of any contamination in the oil.SiliconpmASTM 05168>2000DefasiumpmASTM 05168>20NONENONENONENONENONESiliconscalaVisualNONENONENONENONENONENONEDefasiumpmASTM 05168visualNONENONENONENONENONEOdorscalaVisualNONENONENONENONENONENONENether is acceptable for this fluid. The condition of the oil is suitable for further service.ScalarVisualNONENONENONEManganesepmASTM 051680.0000<		Titanium	ppm	ASTM D5185m		0	<1	
Lead pm ASTM D515m >25 0 0 Copper pm ASTM D515m >50 0 <1		Silver	ppm	ASTM D5185m		0	0	
Copper TinASTM D5189>500<1		Aluminum	ppm	ASTM D5185m	>25	0	0	
Tin ppm ASTM D51650 >15 0 <1		Lead	ppm	ASTM D5185m	>25	0	0	
VanadiumppmASTM D5185m00<1		Copper	ppm	ASTM D5185m	>50	0	<1	
White Metal Yellow Matalscalar'VisualNONENONENONENONTAMINATIONSiliconppmASTM D5185m>.25221Nonter is no indication of any contamination in the oil.PotassiumppmASTM D5185m>.2000WaterVisualNONEMONEMONEMONEMONEMONEMONESiliconscalar'VisualNONEMONEMONEMONEDebrisscalar'VisualNONEMONEMONEMONESand/Dirtscalar'VisualNONEMONEMONEAppearancescalar'VisualNONEMONEMONEFLUID CONDITIONSodiumppmASTM D5185m0.00.0Suitable for further service.SodiumppmASTM D5185m0.00.0MolydenamesppmASTM D5185m0.00.00.0MolydenamesppmASTM D5185m0.00.00.0MolydenamesppmASTM D5185m0.00.00.0MolydenamesppmASTM D5185m0.00.00.0MolydenamesppmASTM D5185m0.00.00.0MolydenamesppmASTM D5185m0.00.00.0MolydenamesppmASTM D5185m0.00.00.0 <th></th> <th>Tin</th> <th>ppm</th> <th>ASTM D5185m</th> <th>>15</th> <th>0</th> <th><1</th> <th></th>		Tin	ppm	ASTM D5185m	>15	0	<1	
Yellow MetalscalarYisualNONENONENONEICONTAMINATIONSiliconppmASTM D5185>202<1There is no indication of any contamination in the oil.PotassiumppmASTM D5185>2000WaterWC Method>0.1NONENONENONENONESiliconscalarVisualNONENONENONENONESiliconscalarVisualNONENONENONEBordinscalarVisualNORENONENONEAppearancescalarVisualNORENORENOREAppearancescalarVisualNORENORENORECodorscalarVisualNORENORENOREFLUID CONDITIONSodiumppmASTM D51850.00.00.0Suitable for further service.SodiumppmASTM D51850.00.00.0MolybdenumppmASTM D51850.00.00.0MagnaeseppmASTM D51850.00.00.0MagnesiumpmASTM D51850.00.00.0MagnesiumpmASTM D51850.00.00.0MolybdenumpmASTM D51850.00.00.0The AN		Vanadium	ppm	ASTM D5185m		0	<1	
CONTAMINATION Silicon ppm ASTM D5188m >25 2 <1		White Metal	scalar	*Visual	NONE	NONE	NONE	
Potassium ppm ASTM D5185 >20 0 0		Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Water WC Method >0.1 NEG NNEG Silt scalar *Visual NONE NONE NONE Debris scalar *Visual NONE NONE NONE NONE Sand/Dirt scalar *Visual NONE NONE NONE NONE Appearance scalar *Visual NORE NORE NORE NORE Odor scalar *Visual NORE NORE NORE Emulsified Water scalar *Visual NORE NORE NORE FLUID CONDITION Sodium ppm ASTM D5185m 0.0 0 0 Boron ppm ASTM D5185m 0.0 0 0 Molybdenum ppm ASTM D5185m 0.0 0 Magneseu ppm ASTM D5185m 0.0 0	CONTAMINATION There is no indication of any contamination in the oil.	Silicon	ppm	ASTM D5185m	>25	2	<1	
WaterWC Method>0.1NEGNEGSiltscalarVisualNORNONENONENONENONEDebrisscalarVisualNORNONENONENONENONESand/DirtscalarVisualNORNORNONENONENONEAppearancescalarVisualNORNORMNORMNORMLNORMLNORMLAppearancescalarVisualNORNORMNORMLNORMLNORMLNORMLGodorscalarVisualNORNORMNORMLNORMLNORMLNORMLEmulsified WaterscalarVisualNORNORMNORMLNORMLBoronppmASTM D51850.00.00.00.0MolybdenumppmASTM D51850.00.00.0MagneseppmASTM D51850.00.00.0MagnesiumppmASTM D51850.00.00.0MagnesiumppmASTM D51850.00.00.0PhosphorusppmASTM D51850.00.00.0ReductppmASTM D51850.00.00.0MagnesiumppmASTM D51850.00.00.0PhosphorusppmASTM D51850.00.00.0Asthologian <th>Potassium</th> <th>ppm</th> <th>ASTM D5185m</th> <th>>20</th> <th>0</th> <th>0</th> <th></th>		Potassium	ppm	ASTM D5185m	>20	0	0	
Debrisscalar*VisualNONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORNORMNORMLOdorscalar*VisualNORNORMNORMLEmulsified Warscalar*VisualNORNORMLNORMLFLUID CONDITIONSodiumscalarVisual>0.1NEG10BoronppmASTM D5185m0.00.00.0MolybdenumppmASTM D5185m0.00.00.0MolybdenumppmASTM D5185m0.00.00.0MaganeseeppmASTM D5185m0.00.00.0CalciumppmASTM D5185m0.00.00.0MagnesumppmASTM D5185m0.00.00.0MagnesumppmASTM D5185m0.00.00.0MagnesumppmASTM D5185m0.00.00.0PhosphorusppmASTM D5185m0.00.00.0MagnesumppmASTM D5185m0.00.00.0MagnesumppmASTM D5185m0.00.00.0MagnesumppmASTM D5185m0.00.00.0MagnesumppmASTM D5185m0.0 <th>Water</th> <th></th> <th>WC Method</th> <th>>0.1</th> <th>NEG</th> <th>NEG</th> <th></th>		Water		WC Method	>0.1	NEG	NEG	
Sand/Dirtscalar'VisualNONENONENONEAppearancescalar'VisualNORUNORMLNORMLOdorscalar'VisualNORUNORMLNORMLINORMLEmulsified Waterscalar'VisualNORUNORMLNORMLFLUID CONDITIONSodiumppmASTM D5185mBoronppmASTM D5185m0.000BariumppmASTM D5185m0.000MolybdenumppmASTM D5185m0.000MaganeseppmASTM D5185m0.00MagnesiumppmASTM D5185m0.00MagnesumppmASTM D5185m0.00MagnesumppmASTM D5185m0.00MagnesumppmASTM D5185m0.000PhosphorusppmASTM D5185m0.000PhosphorusppmASTM D5185m0.000PhosphorusppmASTM D5185m0.000PhosphorusppmASTM D5185m0.000PhosphorusppmASTM D5185m0.0000PhosphorusppmASTM D5185m0.0000-		Silt	scalar	*Visual	NONE	NONE	NONE	
Appearance Odorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLNORMLIOdorscalar*VisualvisualNORMLNORMLNORMLNORMLNORMLNORMLIEmulsified Watescalar*VisualvisualvisualvisualNORNEGNEGFLUID CONDITIONSodiumppmASTM D5185visual0.00.00.0BoronppmASTM D51850.00.00.00.0BariumppmASTM D51850.00.00.0MolybdenumppmASTM D51850.00.00.0MaganeseppmASTM D51850.00.00.0CalciumppmASTM D51850.00.00.0PhosphorusppmASTM D51850.00.00.0ZincppmASTM D51850.00.00.0		Debris	scalar	*Visual	NONE	NONE	NONE	
Odorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Watescalar*Visual>0.1NEGNEGNEGNEGNEGNEGNEGFLUID CONDITIONSodiumppmASTM D5185m0.000BoronppmASTM D5185m0.000BariumppmASTM D5185m0.000MolybdenumppmASTM D5185m0.000ManganeseppmASTM D5185m0.00<MagnesiumppmASTM D5185m0.000CalciumppmASTM D5185m0.000PhosphorusppmASTM D5185m0.000ZincppmASTM D5185m0.000NomeppmASTM D5185m0.000MagnesiumppmASTM D5185m0.000NomeppmASTM D5185m0.000NomeppmASTM D5185m0.000NomeppmASTM D5185m0.000NomeppmASTM D5185m0.000NomeppmASTM D5185m0.000NomeppmASTM D5185m0.000<		Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Emulsified Waterscalar*Visual>0.1NEGNEGFLUID CONDITIONSodiumppmASTM D5185mc-11The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.SodiumppmASTM D5185m0.000BoronppmASTM D5185m0.000BariumppmASTM D5185m0.000MalybdenumppmASTM D5185m0.000MagnesiumppmASTM D5185m0.020MagnesiumppmASTM D5185m0.000CalciumppmASTM D5185m0.000PhosphorusppmASTM D5185m0.000ZincppmASTM D5185m0.000		Appearance	scalar	*Visual	NORML	NORML	NORML	
FLUID CONDITION Sodium ppm ASTM D5185m		Odor	scalar	*Visual	NORML	NORML	NORML	
BoronppmASTM D5185m0.000BariumppmASTM D5185m0.000MolybdenumppmASTM D5185m0.000ManganeseppmASTM D5185m0.000MagnesiumppmASTM D5185m0.000CalciumppmASTM D5185m0.000PhosphorusppmASTM D5185m0.000ZincppmASTM D5185m0.000		Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	
BoronppmASTM D5185m0.000BariumppmASTM D5185m0.000MolybdenumppmASTM D5185m0.000ManganeseppmASTM D5185m0.000MagnesiumppmASTM D5185m0.000CalciumppmASTM D5185m0.000PhosphorusppmASTM D5185m0.000ZincppmASTM D5185m0.000	FLUID CONDITION	Sodium	ppm	ASTM D5185m		<1	1	
suitable for further service. Barium ppm ASTM D5185m 0.0 0 Molybdenum ppm ASTM D5185m 0.0 0 0.0 Manganese ppm ASTM D5185m 0.0 0.0 < Magnesium ppm ASTM D5185m 0.0 0.0 < Calcium ppm ASTM D5185m 0.0 0.0 < Phosphorus ppm ASTM D5185m 0.0 0.0 < Zinc ppm ASTM D5185m 0.0 0.0 <					0.0	0	0	
Manganese ppm ASTM D5185m 0.0 Q <1				ASTM D5185m	0.0	0	0	
Magnesium ppm ASTM D5185m 0.0 2 0 Calcium ppm ASTM D5185m 0.0 0 0 Phosphorus ppm ASTM D5185m 966 351 337 Zinc ppm ASTM D5185m 0 0 0		Molybdenum	ppm	ASTM D5185m	0	0	0	
Calcium ppm ASTM D5185m 0.0 0 0 Phosphorus ppm ASTM D5185m 966 351 337 Zinc ppm ASTM D5185m 0 0 0		Manganese	ppm	ASTM D5185m	0	0	<1	
Phosphorus ppm ASTM D5185m 966 351 337 Zinc ppm ASTM D5185m 0 0 0		Magnesium	ppm	ASTM D5185m	0.0	2	0	
Zinc ppm ASTM D5185m 0 0		Calcium	ppm	ASTM D5185m	0.0	0	0	
		Phosphorus	ppm	ASTM D5185m	966	351	337	
Sulfur ppm ASTM D5185m 1309 721 219		Zinc	ppm	ASTM D5185m	0	0	0	
		Sulfur	ppm	ASTM D5185m	1309	721	219	

Acid Number (AN) mg KOH/g ASTM D8045 0.172

ASTM D445 39.9

cSt

Visc @ 40°C

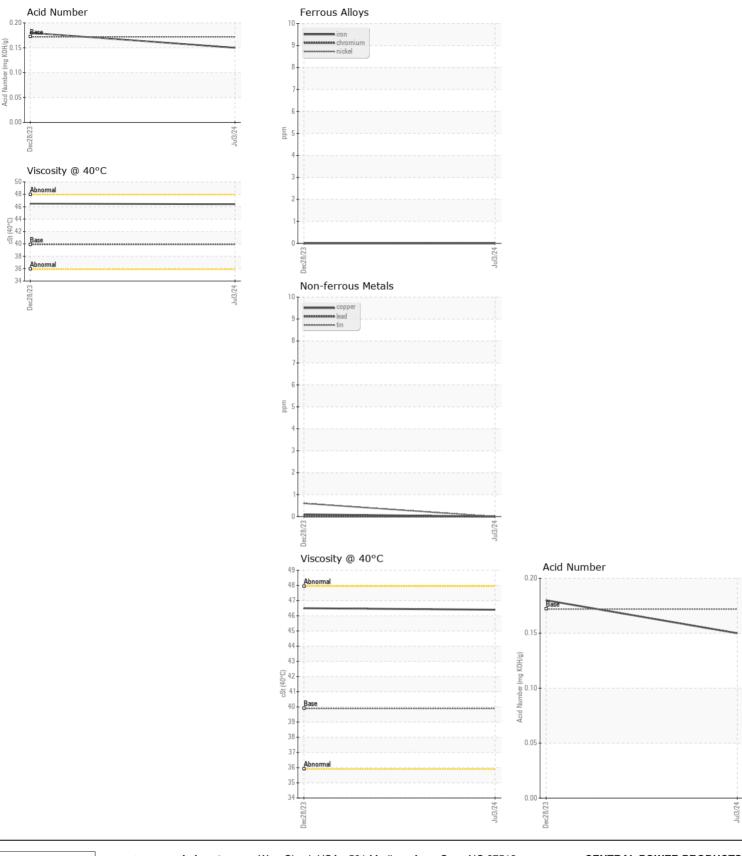
Contact/Location: JASON ? - UCCENART

0.18

46.5

0.15

46.4



CENTRAL POWER PRODUCTS Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. : UCS06232367 Received 100 N INDUSTRIAL PKWY : 10 Jul 2024 Ē Lab Number : 06232367 Tested ARTHUR, IL : 11 Jul 2024 Unique Number : 11115860 Diagnosed : 11 Jul 2024 - Wes Davis US 61911 Test Package : IND 2 Contact: JASON Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. centralpower22@gmail.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (217)543-2022 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (217)543-2224

Contact/Location: JASON ? - UCCENART Page 2 of 2