

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

356-315-30 GEARBOX EAST CHIP SLICER (S/N NB01130-356.XX315) Component Gearbox Fluid

ROYAL PURPLE SYNERGY 140/460 (20 GAL)

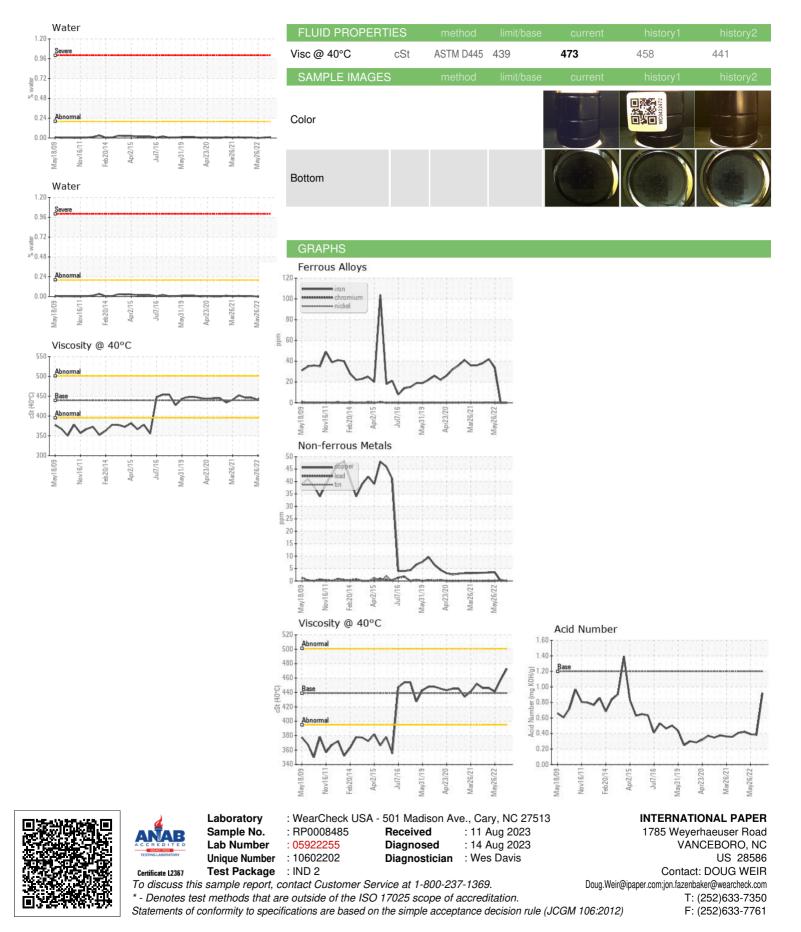


v2009 Nov2011 Feb2014 Ap/2015 Jul/2016 May/2019 May/2020 May/2021 May/2023

Basemple Date Client Info 09 Aug 2023 08 Mar 2023 28 May 2022 War Component wear rates are normal. 01 Age mths Client Info 0 0 0 There is no indication of any contamination in the oil. There is no indication of any contamination in the oil. Sample Status Client Info NA NA NA There is no indication of any contamination in the oil. Sample Status Client Info NA NA NA NA There is no indication of the oil is suitable for further service. Mtexine App Attempte Attr 2023 Client Info NA NA NA Component App Stratus Term information NA NA NA NA The oil is suitable for further service. Mtexine App Mtexine App Stratus Client Info O -1 O -1 O -1 O -1 O -1 O Client Info Mtexine App Mtexine App <t< th=""><th>DIAGNOSIS</th><th>SAMPLE INFORM</th><th>NATION</th><th>method</th><th>limit/base</th><th>current</th><th>history1</th><th>history2</th></t<>	DIAGNOSIS	SAMPLE INFORM	NATION	method	limit/base	current	history1	history2
Water Matering Age mits Client Info 0 0 0 All component wear rates are normal. Contamination NA NA NA NA Thare is no indication of any contamination in the oil Sample Status I NOTMAL NORMAL N	Recommendation	Sample Number		Client Info		RP0008485	WC0432472	WC0432509
All component wear rates are normal. Oil Age miths Cilent Indo 0 0 0 Contamination There is no indication of any contamination in the dil. Sample Status Cilent Indo NA NA NA Fluid Condition The AN level is acceptable for further service. Imn ppin ASTM D658m 200 <1 0 34 Chromium ppin ASTM D658m >200 <1 0 34 Chromium ppin ASTM D658m >15 0 0 0 Nickel ppin ASTM D658m >10 <1 0 34 Chromium ppin ASTM D658m >10 0 <1 0 34 Chromium ppin ASTM D658m >10 0 <1 0 34 Chromium ppin ASTM D658m >10 0 <1 0 34 Chromium ppin ASTM D658m >10 <1 0 34 34 Chromium ppin ASTM D658m <20 <1 0 34 34 Chromium ppin ASTM D658m <10 0	Resample at the next service interval to monitor.	Sample Date		Client Info		09 Aug 2023	08 Mar 2023	26 May 2022
All component wear rates are normal. Oil Age mthe Client Into O O O Contamination There is no indication of any contamination in the oil. Sample Status Client Into NA NA NA Fluid Condition The AN level is acceptable for further service. The Max Park Mathematication of the oil is suitable for further service. NetWalk NorMall NORMAL <th>Wear</th> <th>Machine Age</th> <th>mths</th> <th>Client Info</th> <th></th> <th>0</th> <th>0</th> <th>0</th>	Wear	Machine Age	mths	Client Info		0	0	0
Sample Status NORMAL NORMAL NORMAL NORMAL Dire is no indication of any contamination in the oil. Sample Status method lumbbase current Natory1 Natory2 The AN level is acceptable for this fluid. The condition of the oil is suitable for further service. method method lumbbase current Natory2 0	All component wear rates are normal.	Oil Age	mths	Client Info		0	0	0
Sample Status NORMAL NORMAL NORMAL NORMAL Fuid Condition Fuid Condition Imm Imm <th>Contamination</th> <th>Oil Changed</th> <th></th> <th>Client Info</th> <th></th> <th>N/A</th> <th>N/A</th> <th>N/A</th>	Contamination	Oil Changed		Client Info		N/A	N/A	N/A
Oil. WEAR METALS method Init/basis current Init/ord/1 Init/ord/2 Fuid Condition of the oil is suitable for further service. Im ppm ASTM 0518m >200 <1 0 34 Nake ppm ASTM 0518m >15 0 0 0 Nickel ppm ASTM 0518m >15 0 0 0 Nickel ppm ASTM 0518m >100 0 <1 0 <1 0 <1 0		Sample Status				NORMAL	NORMAL	NORMAL
Fluid Condition iron ppn ASTM DS185m >200 <1 0 34 Tork AI level is soutable for further service. iron ppm ASTM DS185m >15 0 0 0 Nickel ppm ASTM DS185m >15 0 0 0 0 Nickel ppm ASTM DS185m >15 0 0 0 0 Silver ppm ASTM DS185m >20 <1 0 0 0 Auminum ppm ASTM DS185m >200 <1 0 0 0 Copper ppm ASTM DS185m >200 <1 0 0 0 Cadminum ppm ASTM DS185m >200 <1 0 0 0 Cadminum ppm ASTM DS185m >200 <1 0 <th>oil.</th> <th>WEAR METALS</th> <th></th> <th>method</th> <th>limit/base</th> <th>current</th> <th>history1</th> <th>history2</th>	oil.	WEAR METALS		method	limit/base	current	history1	history2
Inter An Weak is addepiate of instands inter- Condition of the oil is suitable for further service. Condition of the oil is suitable for furthe	Fluid Condition		nnm					
Nickel ppm ASTM 0515m >15 0 0 0 Titanum ppm ASTM 0515m 0 <1	The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.							
Titanium ppm ASTM 0515s C C 0 <1 0 <1 Aluminum ppm ASTM 0515s >25 2 <1								
SilverppmASTN 05185n<					>15			
Aluminum ppm ASTM 0585m >>25 2 <1 <1 Lead ppm ASTM 0585m >>200 <1								
Lead ppm ASTM D5185m >100 0 <1 0 Copper ppm ASTM D5185m >25 0 <1					<u>\</u> 25			
CopperppmASTM DS185m>220<104TinppmASTM DS185m>250<1								
TinppmASTM D5185m>250<10VanadiumppmASTM D5185m<1								
VanadiumppmASTM D586m<1<10CadmiumppmASTM D586m<1								
CadmiumppmASTM D5185m<100ADDITIVESmethodlimit/basecurrenthistory2BoronppmASTM D5185m002BariumppmASTM D5185m000MolybdenumppmASTM D5185m000MagnesiumppmASTM D5185m<1					~			
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BariumppmASTM D5185m000MolyddenumppmASTM D5185m000ManganeseppmASTM D5185m<		ADDITIVES		method	limit/base	current	history1	history2
MolybdenumppmASTM D5185m0000ManganesseppmASTM D5185m<1		Boron	ppm	ASTM D5185m		0	0	2
MarganeseppmASTM D5165m<1<1<1<1MagnesiumppmASTM D5165m<1		Barium	ppm	ASTM D5185m		0	0	0
MagnesiumppmASTM D5185m550CalciumppmASTM D5185mPC2024PhosphorusppmASTM D5185m2004185483ZincppmASTM D5185m20281515<		Molybdenum	ppm	ASTM D5185m		0	0	0
CalciumppmASTM D5185m2024PhosphorusppmASTM D5185m2004185483ZincppmASTM D5185m281515<1		Manganese	ppm	ASTM D5185m		<1	<1	<1
Phosphorus ZincppmASTM D5185m2004185483ZincppmASTM D5185m281515<1		Magnesium	ppm	ASTM D5185m		<1	55	0
ZincppmASTM D5185m281515<1CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>504214SodiumppmASTM D5185m>20000PotassiumppmASTM D5185m>20000Water%ASTM D6304>.0.20.0090.0060.001ppm WaterppmASTM D6304>.20098.069.20.001FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2Acid Number (AN)mg K0HigASTM D80451.20.920.380.39VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORML		Calcium	ppm	ASTM D5185m		2	0	24
CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>504214SodiumppmASTM D5185m>20000PotassiumppmASTM D5185m>20000Water%ASTM D50304>0.20.0090.0060.00ppm WaterppmASTM D6304>200098.069.20.00ptm WaterppmASTM D6304>200098.069.20.00FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2Acid Number (AN)mg K0HgASTM D80451.20.920.380.39VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONENONENONEAdd/Dirtscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLNORMLAcid Numberscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORML </td <th></th> <td>Phosphorus</td> <td>ppm</td> <td>ASTM D5185m</td> <td>200</td> <th>418</th> <td>54</td> <td>83</td>		Phosphorus	ppm	ASTM D5185m	200	418	54	83
SiliconppmASTM D5185m>504214SodiumppmASTM D5185m000PotassiumppmASTM D5185m>200000Water%ASTM D6304>0.20.0090.0060.000ppm WaterppmASTM D6304>200098.069.20.00FLUID DEGRAD>TIONmethodlimit/basecurrenthistory1history2Acid Number (AN)mg K0HgASTM D80451.20.920.380.39VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORML		Zinc	ppm	ASTM D5185m		28	1515	<1
SodiumppmASTM D5185m<100PotassiumppmASTM D5185m>20000Water%ASTM D6304>0.20.0090.0060.00ppm WaterppmASTM D6304>200098.069.20.00FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2Acid Number (AN)mg KOHgASTM D80451.20.920.380.39VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONENONEYellow Metalscalar*VisualNONENONENONENONENONESittscalar*VisualNONENONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONENONESand/Dirtscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLNORMLNORML		CONTAMINANTS		method	limit/base	current	history1	history2
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PotassiumppmASTM D5185>20000Water%ASTM D6304>0.20.0090.0060.00ppm WaterppmASTM D6304>200098.069.20.00FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2Acid Number (AN)mg K0HgASTM D80451.20.920.380.39VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEYellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNotscalar*VisualNORMLNORMLNORMLNORML								
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Yellow Metalscalar*VisualNONENO		VISUAL		method	limit/base	current	history1	history2
Yellow Metalscalar*VisualNONENO		White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
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Emulsified Water scalar *Visual >0.2 NEG NEG NEG								
	Report Id: WEYNEW [WUSCAR] 05922255 (Generated: 08/14/2023 0			*Visual				



OIL ANALYSIS REPORT



Contact/Location: DOUG WEIR - WEYNEW