



## ROD LARDEN 6648 TWIN DISC MG-5081-A 5GM108 - INBOARD - PORT GEARBOX

Sample No: VPA060889
Oil Type: {unknown}

Sample Number         VPA060889	SAMPLE INFORM	IATION			
Sample Date   30 Apr 2024	Sample Number		VPA060889	 	
Machine Hours         2200	•		30 Apr 2024	 	
Oil Changed Sample Status         Not Changd ABNORMAL	•			 	
Sample Status         ABNORMAL	Oil Hours		0	 	
OIL CONDITION           Visc @ 40°C	Oil Changed		Not Changd	 	
Visc @ 40°C         cSt         ■91.24              CONTAMINATION           Water         %         ▲ 0.250              Silicon         ppm         ■11              Sodium         ppm         ■2              Potassium         ppm         ■3              WEAR METALS               Iron         ppm         ■30              Iron         ppm         ■30              Copper         ppm         ■60              Lead         ppm         ■2              Aluminum         ppm         ■1              Chromium         ppm         ■1              Molybdenum         ppm         \$8              Silver         ppm <t< th=""><th>Sample Status</th><th></th><th>ABNORMAL</th><th> </th><th></th></t<>	Sample Status		ABNORMAL	 	
CONTAMINATION	OIL CONDITION				
Water         %         ▲ 0.250	Visc @ 40°C	cSt	<b>■</b> 91.24	 	
Silicon       ppm       11 <t< td=""><td>CONTAMINATION</td><td>1</td><td></td><td></td><td></td></t<>	CONTAMINATION	1			
Silicon       ppm       11 <t< td=""><td>Water</td><td>%</td><td><b>△</b> 0.250</td><td> </td><td></td></t<>	Water	%	<b>△</b> 0.250	 	
Sodium		ppm	<b>11</b>	 	
Potassium         ppm         3              WEAR METALS           PQ         25              Iron         ppm         30             Copper         ppm         60             Lead         ppm         82             Tin         ppm         2              Aluminum         ppm         1              Chromium         ppm         9         1              Molybdenum         ppm         58               Mickel         ppm         1               Silver         ppm         4               Manganese         ppm         0               Vanadium         ppm         2977              Magnesium	Sodium			 	
PQ	Potassium	ppm	<b>■</b> 3	 	
Iron					
Copper         ppm         60 </td <td></td> <td></td> <td></td> <td> </td> <td></td>				 	
Lead       ppm       82            Tin       ppm       2            Aluminum       ppm       1            Chromium       ppm       <1		ppm		 	
Tin ppm 2 Aluminum ppm 11		ppm		 	
Aluminum ppm 11		ppm	_	 	
Chromium         ppm         <1			_		
Molybdenum         ppm         58              Nickel         ppm         <1			_	 	
Nickel         ppm         <1					
Titanium         ppm         <1	-				
Silver         ppm         <1              Manganese         ppm         0              Vanadium         ppm         0              ADDITIVES           Calcium         ppm         2977              Magnesium         ppm         208              Zinc         ppm         1159              Phosphorus         ppm         1059              Barium         ppm         <1					
Manganese         ppm         0			· -		
Vanadium         ppm         0              ADDITIVES           Calcium         ppm         2977              Magnesium         ppm         208              Zinc         ppm         1159              Phosphorus         ppm         1059              Barium         ppm         <1			· •		
ADDITIVES  Calcium ppm 2977  Magnesium ppm 208  Zinc ppm 1159  Phosphorus ppm 1059  Barium ppm <1	3				
Calcium         ppm         2977              Magnesium         ppm         208              Zinc         ppm         1159              Phosphorus         ppm         1059              Barium         ppm         <1	Vanadium	ppm	0	 	
Magnesium         ppm         208              Zinc         ppm         1159              Phosphorus         ppm         1059              Barium         ppm         <1	ADDITIVES				
Zinc     ppm     1159          Phosphorus     ppm     1059          Barium     ppm     <1	Calcium	ppm	2977	 	
Phosphorus         ppm         1059               Barium         ppm         <1	Magnesium	ppm	208	 	
Barium ppm <1	Zinc	ppm	1159	 	
P.P.	Phosphorus	ppm	1059	 	
Boron ppm <b>420</b>	Barium	ppm	<1	 	
	Boron	ppm	420	 	

## **Northwest Diesel Power**

1325 ROEDER AVE SUITE 103 BELLINGHAM, WA US 98225 Contact: BRANDON ROBERTSON parts@nwdieselpower.com

T: F:

## Diagnosis

We recommend that you drain the oil from the component if this has not already been done. Resample at the next service interval to monitor.All component wear rates are normal for OEM. There is a light concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot:VP759009Unique No:11008121Signed:Doug BogartReport Date:02 May 2024

## **OIL ANALYSIS REPORT**



