

# Biodiesel Compatibility

Gorman-Rupp Pump Model: GHS2JP3-B /S1



Date: October 9, 2019

The Gorman-Rupp (G-R) rotary gear pump model stated is manufactured using the wetted materials of construction listed below. We declare, to the best of our knowledge and belief, an affirmative statement of compatibility to bio-diesel blends B0 to B100; and, the information contained herein is true, correct, and complete.

## Wetted Construction Materials

<u>Item</u>	<u>Material Description</u>	<u>Reference No.</u>
Exterior	Class 30 Cast Iron	ASTM #A48
Rotor & Idler (gears)	High Strength Iron	ASTM #A536, #A48, or B783
Idler Pin	8620 Alloy Steel: Nickel-Chromium-Molebdenum	ASTM #A29
Shaft	1144 Steel	ASTM #A311
Relief Valve	Ductile Iron 65-45-12	ASTM #A536
Idler Gear Bushing	Carbon Graphite	GRADE P658RCH or Metcarr M-134
Shaft Bushing	Carbon Graphite	GRADE P658RCH or Metcarr M-134
Mechanical Seal	Carbon Rotating Ring	
	Ni-Resist Stationary Seal Seat	
	Viton A Elastomer	
	18-8 Stainless Steel	
Head	Class 30 Cast Iron	ASTM #A48
Head Gasket	Compressed Synthetic Fibers with Buna Binder	
O-Rings	Viton A	

John Hoffner

A handwritten signature in black ink, appearing to read 'John Hoffner', written over a white background.

Rotary Gear Product Manager  
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