

Biodiesel Compatibility

Gorman-Rupp Pump Model: GHC1 1/2GH3-B w options 40C, 70A



Date: February 24, 2022

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)	Diffusion Alloyed Steel	FD-0405-55
Idler Pin	8620 Alloy Steel: Nickel-Chromium-Molebdenum	ASTM #A29
Shaft	ANSI 1144 Cold Drawn 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 Dupont Viton "A" or equivalent (FKM) 18-8 Stainless Steel	
Head	Class 30 Cast Iron	ASTM #A48
Head Gasket	Synthetic Fiber with Nitrile Binder	Klingersil C-4401
O-Rings	Dupont Viton "A" or equivalent (FKM)	

John Hoffner

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

Rotary Gear Product Manager
The Gorman-Rupp Company
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