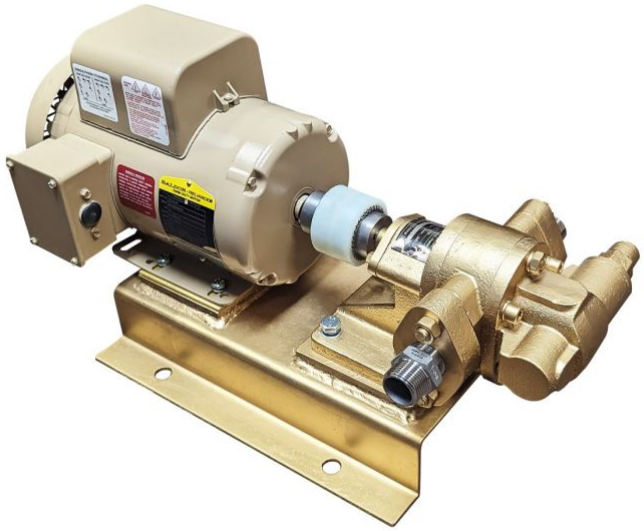
Alternative Fuel Mecca

2121 Natomas Crossing STE 200-218
Sacramento, CA 95835
1-888-959-9311
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INDUSTRIAL 10GPM WITH BYPASS 480V

SKU: gsi-10-480



Price: $1,475.00

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Categories: Diesel Pumps, Glycol Pumps, Heavy Oil Pumps, Light Oil Pumps, Oil Transfer Pumps |

SPECIFICATIONS

Weight	50 lbs
Dimensions	20 × 14 × 16 in
Fluid	Diesel or Light Oils, Heavy Oils like Gear Oil, Motor Oil, Sanitary or Caustic Fluids
Speed	12GPM
Voltage	230V, 460V, 3 Phase

PRODUCT DESCRIPTION

Introducing the 1HP Oil Transfer Pump equipped with a 43psi pressure relief feature, designed specifically for hose reel applications where flow interruption occurs before the pump can be switched off (though prompt shutdown is still necessary to prevent overheating).
Featuring a robust construction and powered by a formidable 1HP, 1100RPM motor, this Heavy Duty gear pump stands out for its efficiency and reliability.
Key Features:

- **Self-Priming:** Capable of a suction height of up to 15ft.
- **Pressure Relief:** Ensures safe operation by releasing excess pressure automatically.

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- **Solid Cast Iron Construction:** Equipped with Carbon Steel Gears for durability and longevity.
- **High-Quality Motor:** The 1HP motor operates seamlessly on 480V

Operating Principle:
Within the pump body, twin rotary gears function with one being active and the other passive. The active gear drives the passive gear during operation, creating vacuum/suction in a pre-chamber. As gear teeth engage and disengage, liquid fills the gear cavities and is propelled at high pressure from the chamber.
Safety Relief Valve:
Factory-set, the safety valve is designed to automatically open in response to excess pressure within the pump or output piping. Once triggered, the valve redirects pressure and oil back to the inlet chamber, facilitating recirculation through the pumphead.
Compatibility and Specifications:

- **Pumphead:** Offers a flow rate of 9-11gpm at 1200rpm and features a pressure relief of 0.33Mpa, with a 20mm shaft and 1" ports.
- **Additional Components:** Includes 8.5" x 10 Base and Coupling for easy installation.
- **Motor Options:** Available with a Dayton Motor

Safety Note: This pump is not suitable for use with corrosive liquids and is intended for oil-only applications.

RELATED PRODUCTS



230V Oil Pump 25GPM - 2HP



7.5HP VFD for 60GPM Pump Indoor



24GPM 12V Oil Transfer Pump



7.5HP VFD for 60GPM Pump Outdoor

Since 2009, we have been supplying portable and stationary pumps for moving all types of oil. Oil cleaning centrifuges are also important tools to re-use oil as fuel or lubricant.

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