

# OP40

## BRUSHLESS DC ELECTRIC OIL PUMP

### ADVANCED TECHNOLOGY FOR OIL MANAGEMENT APPLICATIONS

- Fully Controllable or Single Speed
- High Efficiency
- Robust Long Life
- Brushless, Sensorless Motor with Integrated Drive Controller
- IP69K Rating for Sealability
- 12 or 24 Volt
- Serviceable
- Customizable



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### APPLICATIONS

- Lubrication • Cooling • Hybrids
- Oil Scavenge • Oil Change
- Engine Parasitics • By-Pass Filtration

### MARKETS

- On-Highway • Off-Highway • Hybrid
- Construction • Forestry • Marine • Military
- Agriculture • Specialty • Power Generation





PUMP SPECIFICATIONS	
Gerotor Pumping Technology	
All Cast Aluminum Outer Housings	
Flow Capacity Up To 4.0 Gal/Min	
Attainable Pressure Up To 100 PSI	
Self-Priming	
Operating Range: -40 to 100° C *	
Storage Temperature Range: -50 to 125° C	
9.5 lbs.	
7.0" x 5.5" x 5.5"	
(2) Suction and (2) Discharge Ports, SAE-ORB Size - 8 (3/4-16 UNF-2b)	
(4) M8x1.25-6H Threaded Mounting Holes	
Fluid Type (Light to medium oils - customizable)	

*\*Sub-zero operation will be application dependent*

**OIL PERFORMANCE MAP**

Flow Capacity vs. Power Consumption, Synthetic ATF @ 100° C - 28 VDC

