

Military Land Vehicles



Valcor Engineering Corporation

DESCRIPTION

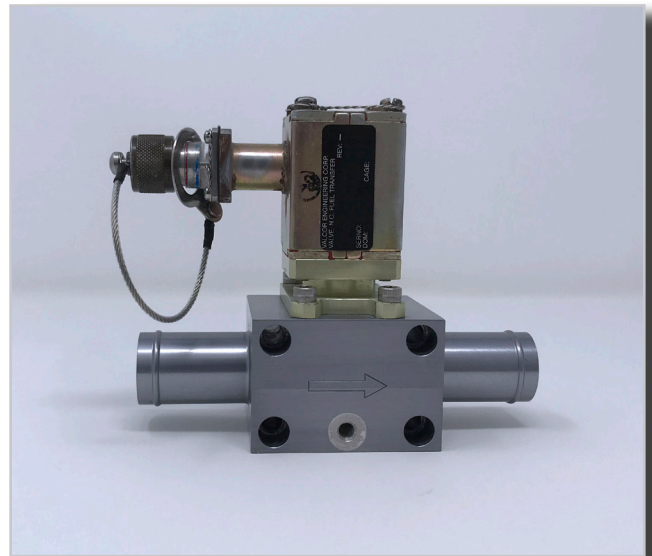
Drawing on Valcor's vast experience with Aircraft, Missiles and Space applications, Valcor's approach to valves and custom fluid control systems for Military Land Vehicles comes from a place of incredible strength. With 70 years of experience in aerospace and defense applications, we are well positioned to provide custom engineered solutions for land-based vehicles, too. Designing solenoid valves and custom fluid control systems for land-based vehicles introduces additional, but not insurmountable challenges. Extreme shake, vibration and concussion, exposure to extremely dusty, dirty and wet conditions require highly specialized and robust construction. We design, test, qualify and manufacture valves and systems to exacting customer specifications and compliance with Mil-Spec requirements.

APPLICATION

Valcor can design solenoid valves, manifolds or complete sub-systems for fuel, hydraulic, lubrication and environmental control systems that must perform under the most adverse battle conditions without failure, for an exceptionally long time. Our Motion Control product group provides electromagnetic clutches, brakes and high speed reversing systems to control the rotary motion produced by hydraulic actuators, diesel and gas engines, as well as electric motors.

WHY CHOOSE VALCOR?

- 70 years of aircraft and space experience
- 20+ years of Military land vehicle experience
- Novel technologies including floating seal design
- Single source for solenoid valves, pressure regulators, accumulators, electromagnetic brakes and clutches; high speed reversing drives
- Approved supplier to every aircraft manufacturer in the free world
- Custom engineered solutions for simple and complex applications
- Partnering with you to improve the design and performance of your existing systems



*Valcor specializes in custom designs.
Contact us today to see how we can help on your next project.*

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