



**Aerospace
Sensing & Controls**

Pressure Lube Adapter

These high reliability units serve a specialized need to allow spillproof, quick-connect oil or hydraulic servicing of aircraft engines, transmissions, generators, auxiliary power units and other aircraft systems. They meet MILA-25676 requirements and are available in MS24476-1 and -2 sizes that mate with MS24475-1 and -2 servicing nozzles respectively. Dust caps per MS24480-1 and -2 are also available.

Eaton pressure lube adapters are designed for minimum life cycle cost. They incorporate machined-in control of spring location and deflection, close valve poppet machining tolerances, and controlled seal deflection.

Features

- Machined-in control of spring location and deflection
- Lightweight construction
- Minimal valve poppet chatter
- Prolonged seal life
- Avoidance of leaks associated with seal deformation
- Extended life cycle performance

Applications

- Commercial Aerospace
- Military Aerospace
- Land vehicles
- Light rail/Mass transit

Options

- MS24476-1 and -2 sizes to mate with MS24475-1 and -2 servicing nozzles
- Can be designed to meet specialized requirements



Special Notes

Eaton Aerospace-Sensing & Controls have been innovators and pioneering leaders in the development of mechanical and electronic technology for the Aerospace, Military, Space and Industrial markets for more than 50 years. Building on early successes of basic mechanical lube system failure detection prod-

ucts, the group anticipated the rapid progress in consumer developments to bring to the market high quality, high-reliability electronic pressure and level sensors, as well as new-generation electronic oil debris monitoring systems.

Recognizing the need for an integrated approach to produce

robust and cost-effective lubrication systems, and taking advantage of their diverse technical disciplines, Sensing & Controls now offers comprehensive engineering and support services to provide completely tested, certified and qualified lube and hydraulic tank systems.

Specifications

Material	Body- 2024-T4 Aluminum Alloy, 303 CRES Cap- 6061-T6, 6063-T6 Aluminum Lanyard (Option)- Nylon covered CRES wire
Pressure	Servicing- 5 to 50 psig Operating- 300 psig Proof- 500 psig Burst- 750 psig
Temperature	-85°F to +400°F
Environment	Meets requirements of MIL-STD-810

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