



Engine Actuator Grease for Honeywell Aerospace

Application: Engine Control Actuator in Military A/C Engine Exhaust Nozzle

Location: USA

Challenge

Honeywell Aerospace products and services are found on virtually every commercial, defense and space aircraft. The Aerospace business unit builds aircraft engines, cockpit and cabin electronics, wireless connectivity systems, mechanical components and more. It's hardware and software solutions create more fuel-efficient aircraft, more direct and on-time flights and safer skies and airports. Honeywell Engine Systems and Accessories needed FUCHS to produce a lubricant that would meet high temperature and wear requirements for Military F-15 and F-16 Engine Control Actuators in its engine exhaust nozzle.

Solution

UNIFLOR™ 8991MT

A PTFE thickened, heavy viscosity, completely fluorinated grease.

- Exceptionally high temperature stability
- Works well with heavily loaded bearings
- Resists harsh chemicals and fuels
- Chemically inert; does not swell, shrink or embrittle rubbers and elastomers, and also does not crack or dissolve plastics

Results

UNIFLOR™ 8991MT met all testing requirements and outperformed all competitor lubricants. UNIFLOR™ 8991MT is now approved for Honeywell Specification ES-2155.

Advantages

High temperature stability

Resists harsh chemicals & fuels

Supports heavily loaded bearings

**Case Study originally from Nye Lubricants, a Member of the FUCHS Group*