

JETTA 49 ULTRA

Non-Melting Synthetic Grease · MIL-PRF-81322G · -54 °C to 177 °C

DESCRIPTION

A premium-quality adhesive, non-melting grease with a low-viscosity synthetic base oil for wide-temperature operation. Additives for oxidation and corrosion stability as well as load-carrying and rust protection improve severe-duty performance over extreme temperature ranges.

APPLICATION AREAS

JETTA 49 ULTRA does not melt like soap-thickened greases: its consistency changes only marginally with increasing temperature. In bearings operating at high temperature it resists softening and remains in place, providing good sealing and continuous lubrication even under vibration. An excellent choice for aircraft wheel bearings, instruments, gearboxes, anti-friction bearings, rotor bearings, actuators and general airframe applications.

COST-SAVING BENEFITS

- Superior mechanical stability, particularly in the presence of heat
- Formulated to withstand high speeds and a wide temperature range of -54 °C to 177 °C
- Excellent resistance to water washout, spray-off and alkaline media
- Good pumpability characteristics

PERFORMANCE LEVELS

- MIL-PRF-81322G
- NATO Code G-395
- U.S. Military Symbol WTR
- UK Joint Service XG-293
- Replaces MIL-G-16908 / MIL-G-3545 / MIL-G-25760

PACK SIZES

Multiple pack sizes available on request.

TYPICAL DATA

PROPERTY	TEST METHOD	TYPICAL
Worked penetration, 25 °C, 0.1 mm	ASTM D217	283
Worked stability	FTM 313	315
Dropping point, °F	ASTM D2265	292
4-ball wear, 75 °C, 40 kg, 1200 rpm, 1 h, mm	ASTM D2266	0.5
Oil separation, 177 °C (350 °F), 30 h, %	FTM 321	7.7
Rust protection, 125 °F, 48 h	ASTM D1743	Pass
Evaporation, 177 °C, 22 h, Al block, wt% loss	ASTM D2595	4.7
Load-carrying capacity, kgf	ASTM D2596	S3
Copper corrosion, 100 °C, 24 h	ASTM D4048	1B
Water resistance, 41 °C, %	-	11.0
Low-temperature torque, -54 °C — starting, Nm	ASTM D1478	0.37
Low-temperature torque, -54 °C — running 60 min, Nm	ASTM D1478	0.05
Odor	-	Pass

Typical values shown do not constitute a specification. The information is based on current knowledge and is intended to describe the product for possible applications; it does not release the user from performing preliminary tests.