

# **TRIBOLUBE-051011A**

## ***Synthetic Hydrocarbon Grease***

### **CHARACTERISTICS**

**Tribolube-051011A** was designed for use in automotive interior mechanisms. This PAO-based material offers excellent low temperature performance. It is compatible with most elastomers, plastics and composites as well as plastic seals, gaskets and O-rings. This product is formulated with PTFE to yield excellent anti-wear properties in these mechanisms.

### **APPLICATIONS**

**Tribolube-051011A** excels in command and control applications including automotive glove box latches, HVAC controls, power window and mirror switches, and steering column mechanisms.

**Tribolube-051011A** has a 2-year shelf-life from date of manufacture at standard storage conditions. This shelf-life will decrease if the grease is stored at high temperatures, or kept at high pressures in a pumping system.

PERFORMANCE TEST	TEST METHOD	CONDITION	TYPICAL VALUES
			T-051011A
Temperature Range			-45°C to 150°C
Base Oil Viscosity @ 100 °C	ASTM D-445	100 °C	275 cSt
Base Oil Viscosity @ 40 °C	ASTM D-445	40 °C	2271 cSt
Viscosity Index	ASTM D-2270		285
NLGI No.			2
Unworked Penetration	ASTM D-217	@ 25°C (77°F)	276
Worked Penetration	ASTM D-217	@ 25°C (77°F)	276
Dropping Point (°C / °F)	ASTM D-2265		≥298°C (569°F)
Flash Point (°C)	ASTM D-92		>238 °C
Density (g/cm <sup>3</sup> )		@ 25°C (77°F)	0.84
Corrosion on Copper	ASTM D-4048	24 hrs @ 100°C (212°F)	1B
4 Ball Wear Test	ASTM-2266	1200 rpm, 15 kg load 32°C (90°F)	0.78 mm
Low Temperature Torque	ASTM D-1478	@ -54°C(-65°F), starting	1.00 N-m
		@ -54°C(-65°F), running	0.15 N-m
Evaporation	ASTM D-2595	22 hrs @ 100°C (212°F)	0.17%
Evaporation	ASTM D-2595	22 hrs @ 177°C (350°F)	10.67%
Oil Separation	ASTM D-6184	30 hrs @ 100°C (212°F)	1.74%