



# **Silicone Brake Fluid**

## **TECHNICAL DATA SHEET**

### **Description**

ECO USA DOT 5 Silicone-Based Brake Fluid is a polysiloxane based fluid designed for use in non-ABS hydraulic braking applications. Unlike glycol-based fluids, our silicone-based brake fluid does not affect paint finish and does not absorb moisture. ECO USA Silicone DOT 5 also has a much more consistent viscosity profile and provides excellent lubrication of brake system components – leading to more consistent brake feel and longer component life.

Low vapor pressure, eliminates vapor lock, extremely high dry and wet boiling points  
Does not absorb moisture, does not peel or blister paint or finish, high viscosity stability improves brake feel in all climates

### **Application**

ECO USA DOT 5 should be used according to the manufacturer's recommended change intervals and directions. No special steps need to be taken when switching to this fluid.

DO NOT use where DOT 5.1 and DOT 4 fluids are recommended.

Conforms to FMVSS 116 (DOT 5) and MIL-PRF-46176B Do not use in ABS-equipped braking systems. Does not mix with DOT 3, DOT 4, or DOT 5.1 fluids.

### **Typical Inspections**

Equilibrium reflux boiling point 260 °C

Humidified equilibrium reflux boiling point 260 °C

Viscosity 40° C cSt 530

Viscosity 100° C cSt 14

### **Code Description Weight:**

- **SURPASSES DOT 5 SPECIFICATIONS: SAE J1705, FMVSS116 and MIL-PRF-46176B**
- **MEETS OEM FILL REQUIREMENTS, DESIGNED FOR ALL Motorcycles BRAKE SYSTEMS & CARS THAT ARE CALLING FOR DOT 5 FLUID.**
- **NON-HYGROSCOPIC, WILL NOT ABSORB WATER.**
- **WILL NOT HARM PAINTED SURFACES.**

One Bridge Plaza North, Suite 275, Fort Lee, NJ 07024

Tel: 201-282-5900 Fax: 201-482-5385

Email: [support@ecousaind.com](mailto:support@ecousaind.com)