

# ECOAT SOLUTIONS

## PRODUCT INFORMATION

### **ECS 1100**

#### **ANTI-FRICTION DRY FILM LUBRICANT COATING**

ECS 1100 Anti-Friction Coating is the ultimate dry film lubricant and protective coating for automotive components. ECS 1100 is slick, highly durable, and provides unmatched anti-corrosion protection. It is the perfect dry film lubricant for maximum long-term performance. ECS 1100 creates a permanent covalent bond with metal or polymer surfaces. Application is so thin that it does not alter component dimensions or tolerances. It significantly reduces friction, wear, scuffing, seizing, parasitic drag and galling in even the most extreme conditions. The coating maximizes engine power, longevity, and fuel efficiency

#### **Key Performance Properties**

- Significantly reduces friction to protect against wear, scuffing, and galling.
- Sheds oil to improve overall engine lubrication, power, and efficiency.
- Quickly and evenly distributes heat to protect coated surfaces and increase performance.
- Creates a covalent bond to the substrate to become a permanent part of the surface.
- Ultra-thin application (3 microns) will not affect component tolerances.
- Extremely tough & durable for long lasting high performance from single application.
- Extreme high operating temperature.
- Excellent corrosion protection.
- Easy wipe-on application. Ambient air cured.
- RoHS and REACH compliant.

#### **Common Applications**

- Bearings and Gears
- Crankshafts & Camshafts
- Cylinder Walls
- Diesel Injectors and Pumps
- Intake Manifolds
- Oil Pumps
- Piston Skirts
- Turbochargers
- Valve Stems & Rocket Pivots



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