

Characteristics of DIAMOLITH®

Diamolith®, when applied to finished parts increases surface hardness, decreases mechanical friction, while maintaining original surface finish.

Thickness	3 to 5 microns
Treatment temperature	From 150 to 300° C
Substrate applications	Tool Steel, Stainless Steel, Aluminum, Titanium & Molybdenum alloys, Tungsten Carbide and Beryllium Copper

Coating Properties

- Better tolerance and surface finish of parts
- Extends product life
- Reduction of lubricant usage
- Anti-wear and Anti-sticking
- Decrease maintenance cost
- Higher load performance resistances
- Chemical resistance

Typical Engine Application

- Wrist pins
- Camshaft
- Retainers
- Lifters & Tappets
- Inlet Valve Stems
- Connecting rods
- Carburetor components

Gear Box

- Engagement forks
- Clutch pads & cylinder

Structure Improvements

- Superior wheel housing
- Sway bars



**APPLIED
DIAMOND
COATINGS, LLC**

Engineered Solutions for Material Performance

30 Ozick Drive • Durham CT 06422 • Phone: (860)349-3133 • Fax: (860) 349-1143