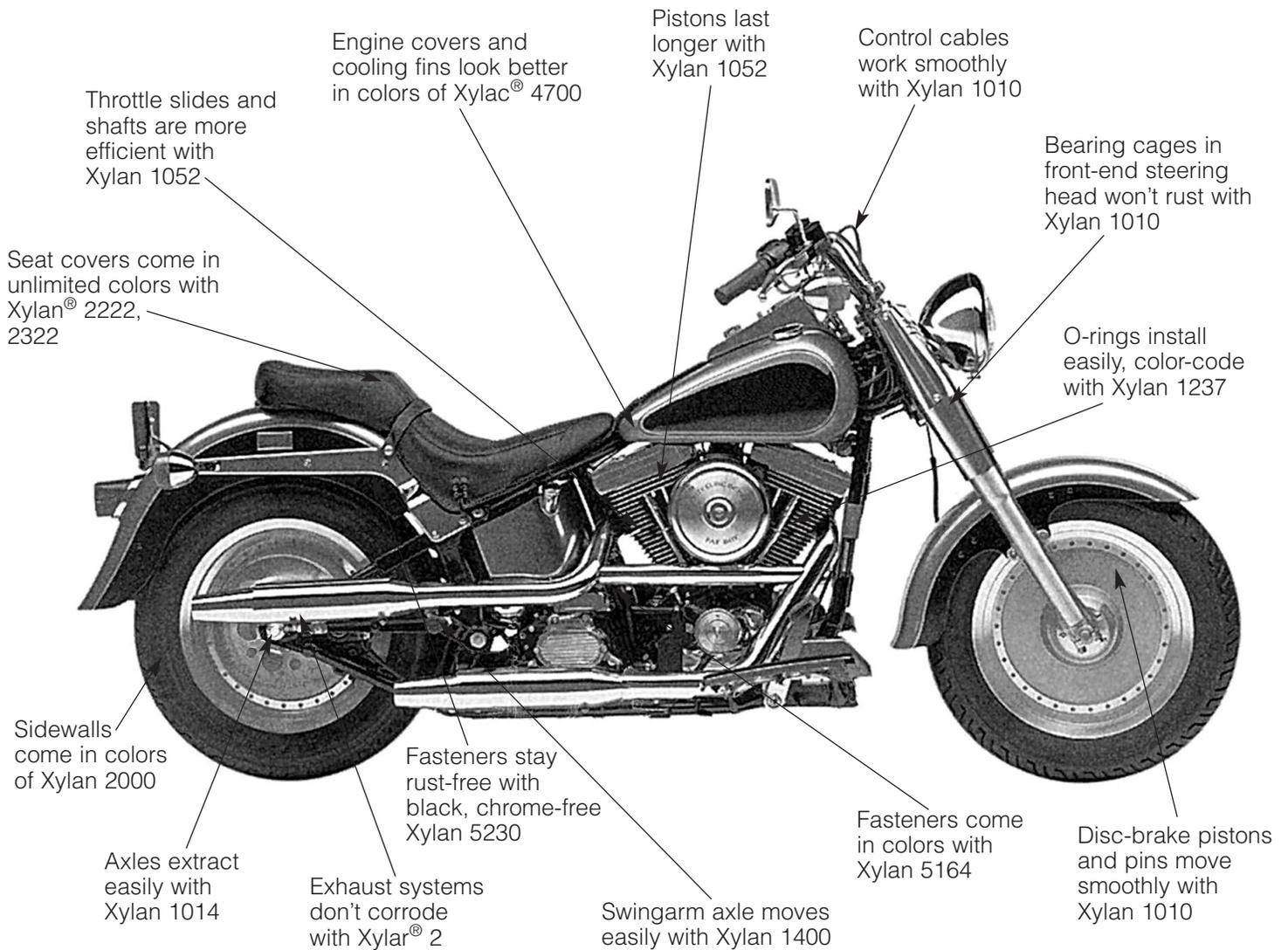


# 14 ways Whitford coatings make motorcycles last longer, look better and work more efficiently



Coatings of Xylan and Xylar offer many benefits to every cycle, from resistance to corrosion, chemical attack and high-temperature oxidation to long wear, outstanding lubrication and even decorative colors.

For a detailed description of these remark-

able coatings and how they work, see the reverse side.

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## Whitford

Makers of the world's largest, most complete line of fluoropolymer coatings

# Whitford's Coatings, Explained

**Xylan 1010:** Dry-film lubricants for use on any wear surface to reduce friction, prevent scoring and galling, and provide secondary lubrication in the event of failure of the primary (conventional) lubricant. In addition to its low coefficient of friction (0.05), Xylan 1010 has good nonstick properties, excellent chemical resistance, and the ability to operate at temperatures up to 525°F (275°C).

**Xylan 1014:** Similar to Xylan 1010, but with significantly more bonding resin relative to its content of polytetrafluoroethylene (PTFE) lubricant. This provides a finish that is harder, more abrasion-resistant, glossier, less porous. Friction values remain low and predictable.

**Xylan 1052:** Dry-film lubricants formulated specifically for high-pressure, low-speed industrial/mechanical wear applications. Its unique chemistry provides dependable, bonded lubrication for bearing surfaces subjected to extreme pressures up to 150,000 psi (10,500 kg/cm<sup>2</sup>).

**Xylan 1400:** Formulated to create a continuous, impermeable dry film as a barrier between the base metal and hostile environments. Xylan 1400 coatings exhibit good abrasion resistance, with a measured hardness of 4H-8H. They will not chip, peel or crack when properly applied. Available in many colors, including bright white.

**Xylan 2020:** Engineered to give excellent noise suppression ("anti-squeak"), low friction and excellent freeze-release and abrasion resistance. Little or no pretreatment is required on some sponge substrates. 2020 products are single-component, waterborne coatings.

**Xylan 2222:** A decorative finish for leather, vinyl and other synthetics. It comes in a myriad of colors, creating opportunity for eye-catching applications, such as iridescent seats. Has out-

standing resistance to weather and to wear. (Xylan 2322 is two-component, solvent-borne version that is particularly easy to apply).

**Xylan 4700:** Resin-bonded decorative enamels that are versatile, high-temperature finishes. They bond readily to aluminum, steel, and many other substrates with a minimum of surface preparation. They are stain-resistant, and are unaffected by automotive chemicals. They also resist the effects of weathering and UV exposure.

**Xylan 5164:** Formulated for application to fasteners and hardware via dip/spin or conventional air-spray techniques. Contains the optimum percentage of PTFE lubricant to maximize performance of threaded fasteners. Xylan-coated fasteners eliminate galling, reduce make-up torque, and are easily color-matched to any finish.

**Xylan 5230:** The only fastener-class coating specified as an approved engineering material for automotive fasteners by Detroit's Big Three (Chrysler, Ford and General Motors). Formulated to be absolutely free of all restricted heavy metals, particularly chromium, Xylan 5230 is dry, non-oily and non-greasy, with a uniform, attractive black appearance. It has outstanding and consistent torque/tension characteristics, superb resistance to corrosion and the elements, with unsurpassed resistance to chemicals, including all automotive fuels, lubricants and fluids. It resists chipping, flaking, and is easy to apply.

**Xylar 2:** An inorganic (ceramic) coating designed to provide sacrificial corrosion protection with no attack of the base metal after continuous exposure to a five percent (5%) salt spray (ASTM B-117) test. In addition, this coating protects metal from high-temperature oxidation with a maximum operating temperature of 1,000°F/535°C.

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