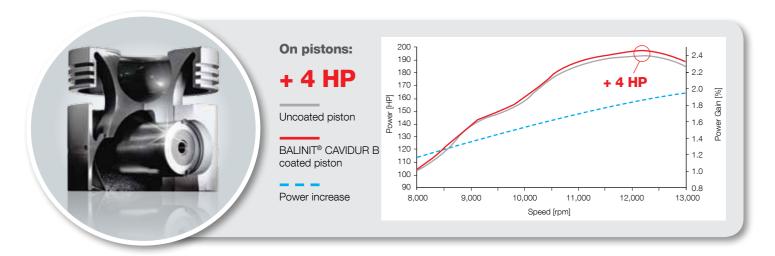


P1 in Surface Solutions



Top-notch results: Oerlikon Balzers DLC coatings on motorsport parts





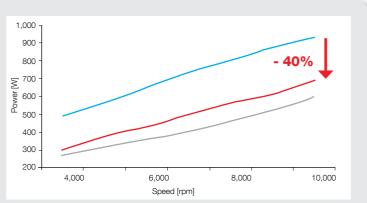
On camshafts:

- 40% friction

Camshaft and finger follower coated

Finger follower coated

Uncoated



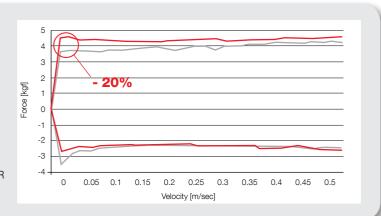


On suspension parts:

- 20% friction

Uncoated

BALINIT® CAVIDUR BA on suspension tubes



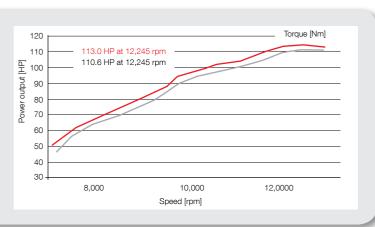


On gears:

+ 3 HP

Uncoated

BALINIT® C coated



These are the most important requirements that drive success:



We provide performance enhancing surface solutions for:





Valve train

Your advantages:

- Reduced friction
- Reduced wear
- Increased performance
- Increased reliability
- Increased service life
- Enables lighter design

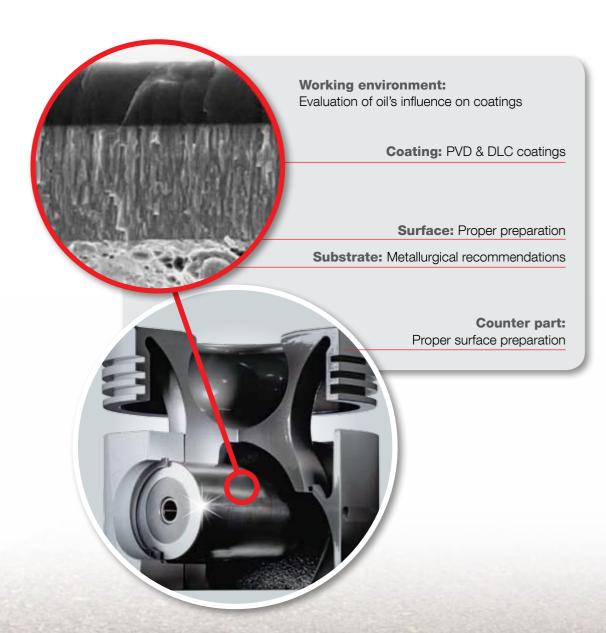


Chassis

Your advantages:

- Coating applied over the hard chromium
- Reduced seal wear
- Reduced leakage
- Improved drivability

More than just a coating ...



Typical applications

Valve train

- Camshafts
- Finger followers
- Tappets
- Flat or roller lifters
- Valves
- Pistons
- Piston pins
- Piston rings
- Conrods
- Crankshafts

Drive train

- Gears
- Selector forks
- Shift rails
- Dog rings
- Pinions
- Shafts
- Front torsion bars
- Clutch shafts
- Splines

Chassis

- Suspension tubes
- Brake pistons
- Fasteners

Oerlikon Balzers – The perfect partner for highest demands

Oerlikon Balzers is one of the world's leading suppliers of surface technologies. Based on more than 20 years of experience in coating engine parts for the racing industry, Oerlikon Balzers provide performance coatings leading to less friction, less wear, more power and more reliability.

Marketed under the name BALINIT® and BALINIT® CAVIDUR, these solutions are designed to bring your performance and results to a new level.

Oerlikon Balzers operates a dynamically growing network of currently more than 100 coating centres in 34 countries throughout Europe, the Americas and Asia.

Along with Oerlikon Metco, Oerlikon Balzers is part of the Surface Solutions Segment of the Switzerland-based Oerlikon Group.



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