

High-end chemical technology

- Booster lubricant
- Chromium free
- ROHS & Reach compliant
- Full compatibility with downstream processes such as welding, phosphating, etc.
- Removable by alkaline cleaning
- Enhances cleaning properties
- Excellent forming properties
- Compatible with all commercial rolling oils
- Low peak metal temperature drying >40°C

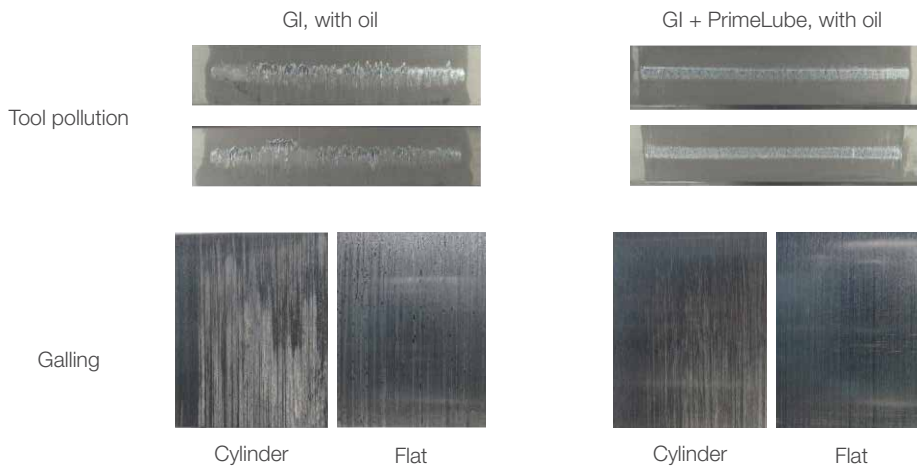
About the product

PrimeLube is best described as a 'booster lubricant', which consists of a thin coating that is applied on the galvanising line prior to applying a conventional oil layer. The combination of PrimeLube and oil provides a superior lubrication system that improves processing of Hot-Dip Galvanised (GI) steel for exposed automotive panels.

PrimeLube induces a lower and more stable friction during pressing and is particularly suitable to support manufacturing of panels such as fenders, doors and body sides with high surface quality. PrimeLube is compatible with Galvanized Steel, Galvannealed Steel, Zinc-Aluminium-Magnesium alloys and Zinc-Magnesium alloys.

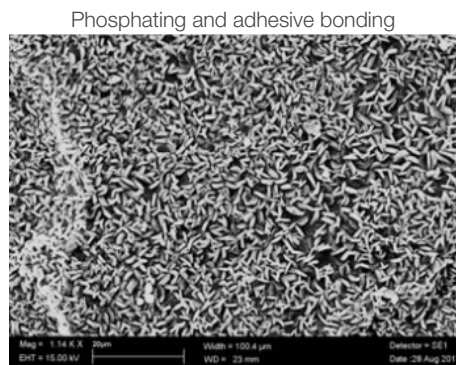
Furthermore, PrimeLube enhances adhesive bonding, improves cleaning capabilities, prevents tool pollution/wear and has excellent paint adhesion without compromising key processes like welding.

Forming properties

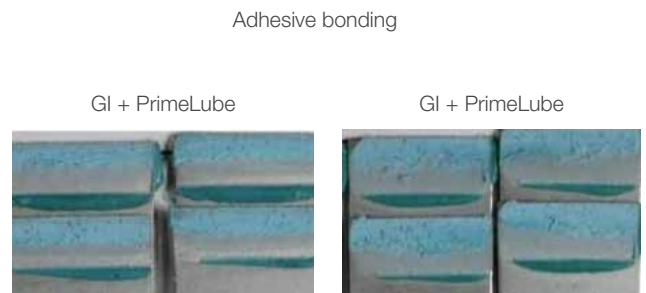


Phosphating

- Removable by alkaline cleaning
- No influence on crystal size or density
- Pollution of PrimeLube in a cleaner bath does not affect phosphating behavior on GI, ZM, Al and mild steel



The size and density of phosphating crystals is not influenced after cleaning with PrimeLube technology



AD. Leader in ROHS and REACH compliant products.

PrimeLube in comparison with alternative lubricants and coatings

Lubricant	Forming (abrasion/galling)	Welding	Adhesive bonding	Cleaning	Phosphating
EG + Phosphate	✗	✓	✓	✓	✓
GI, GA, ZM/ZAM	✗	✓	✓	✓	✓
GI, GA, ZM/ZAM (oil)	✓	✓	✓	✗	✗
GI, GA, ZM/ZAM + alternative products	✓	✗	✗	✗	✓
GI, GA, ZM/ZAM + PrimeLube	✓	✓	✓	✓	✓

Tailored to your needs



PrimeLube® technology can be tailored to specific customer needs.

By changing for example the product concentration or adding specialty additives certain product properties can be enhanced.

Other solutions

AD Coil Coating Technologies has over 50 years of experience in metal surface treatments, developing our own products, and shaping the future of metal protection. As a market leader in Cr-free solutions, we offer a wide range of cleaners, passivations, thin organic coatings, insulation coatings, booster lubricants and pre-treatments to achieve sustainability goals.

What sets us apart:

- Outstanding Protection
- Safe Solutions
- Innovation and Expertise

What we can deliver:

- Continuity
- More than just metal protection
- Unique service & expertise in the areas of:
 - Passivation
 - Thin Organic Coatings (TOC)
 - Pre-treatments
 - Lubricant boosters
 - Cleaners and additives
 - Insulation coatings

Renowned manufacturers such as TATA Steel come to rely on AD CCT chemicals as part of their continuous manufacturing process. "TATA chose us because of our Chromefree products, our reliable quality and high levels of service."



Coil Coating Technologies is part of AD International

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