

OIL BASED SERIES RUST  
PREVENTION PRODUCTS

WATER BASED SERIES RUST  
PREVENTION PRODUCTS

油性系列防锈产品  
水性系列防锈产品



# RUST PREVENTATIVES

# 防锈剂



**PETROFER**  
industrial oils and chemicals

# RUST 防锈剂 PREVENTATIVES

Our rust preventives are highly effective for corrosion prevention in all industrial processes. They are particularly effective for the protection of finish machined rust free surfaces, high value component surfaces made from steel and other metals. The product range comprises oils, water dilutable products, dewatering liquids, wax containing fluids and special formulations with even a rust remover to use before preventing the subsequent corrosion. Many of our products for corrosion prevention are barium or VOC free and so are an environmentally preferable solution.

我们的防锈剂在工业过程中都非常有效地防止腐蚀。它们对于精加工的无锈表面、钢和其他金属制成的高价值部件表面的保护特别有效。

产品范围包括：油、水稀释产品、脱水液、含蜡液体和特殊配方，以及在防止后续腐蚀之前使用除锈剂。

我们的防腐蚀产品大部分不含钡或 VOC，因此是一种环保解决方案。



# OIL BASED SERIES RUST PREVENTION PRODUCTS

## 油性系列防锈产品

| TYPE<br>产品种类  | VISCOSITY<br>粘度                     | APPLICABLE TEMPERATURE<br>适用温度 | RUST PREVENTION METHOD<br>防锈方式       | APPLICABLE MATERIAL<br>适用材质                        | TYPICAL APPLICATION<br>典型应用  |
|---|-------------------------------------|--------------------------------|--------------------------------------|--|--|
| <b>Isotect HC</b><br>是一种低粘度防锈油。能够从湿的金属表面上除去水分并且浸润整个金属表面，高保护性的膜<br>It is a low viscosity rust preventives and a highly protective film that can remove moisture from wet metal surfaces and infiltrate the entire metal surface. | 20 °C,<br>mm <sup>2</sup> /s<br>10  | 常温<br>Room temperature         | 浸泡<br>喷涂<br>涂刷<br>Soak, spray, brush | 钢<br>铸铁<br>铝合金<br>Steel, cast iron, aluminum alloy | 齿轮<br>轴承类<br>汽车零部件<br>其它零部件<br>Gears, bearings, automotive parts, other components |
| <b>Isotect 380E</b><br>是一种中长期防锈油，能够浸润整个金属表面，并形成一层高保护性的油膜<br>It is a medium to long-term anti rust oil that can infiltrate the entire metal surface and form a highly protective oil film.                                       | 40 °C,<br>mm <sup>2</sup> /s<br>12  | 常温<br>Room temperature         | 浸泡<br>喷涂<br>涂刷<br>Soak, spray, brush | 钢<br>铸铁<br>铝合金<br>Steel, cast iron, aluminum alloy | 齿轮<br>轴承类<br>汽车零部件<br>其它零部件<br>Gears, bearings, automotive parts, other components |
| <b>Isotect FLUID 20</b><br>是一种中长期防锈油，能够浸润整个金属表面，并形成一层高保护性的油膜<br>It is a medium to long-term anti rust oil that can infiltrate the entire metal surface and form a highly protective oil film.                                   | 40 °C,<br>mm <sup>2</sup> /s<br>22  | 常温<br>Room temperature         | 浸泡<br>喷涂<br>涂刷<br>Soak, spray, brush | 钢<br>铸铁<br>铝合金<br>Steel, cast iron, aluminum alloy | 齿轮<br>轴承类<br>汽车零部件<br>其它零部件<br>Gears, bearings, automotive parts, other components |
| <b>Isotect 730D</b><br>是一种中长期防锈油，能够浸润整个金属表面，并形成一层高保护性的油膜<br>It is a medium to long-term anti rust oil that can infiltrate the entire metal surface and form a highly protective oil film.                                       | 40 °C,<br>mm <sup>2</sup> /s<br>38  | 常温<br>Room temperature         | 浸泡<br>喷涂<br>涂刷<br>Soak, spray, brush | 钢<br>铸铁<br>铝合金<br>Steel, cast iron, aluminum alloy | 齿轮<br>轴承类<br>汽车零部件<br>其它零部件<br>Gears, bearings, automotive parts, other components |
| <b>Isotect BASE AB</b><br>是一种长期防锈油，能够浸润整个金属表面，并形成一层高保护性的油膜<br>It is a medium to long-term anti rust oil that can infiltrate the entire metal surface and form a highly protective oil film.                                     | 40 °C,<br>mm <sup>2</sup> /s<br>100 | 常温<br>Room temperature         | 浸泡<br>喷涂<br>涂刷<br>Soak, spray, brush | 钢<br>铸铁<br>铝合金<br>Steel, cast iron, aluminum alloy | 齿轮<br>轴承类<br>汽车零部件<br>其它零部件<br>Gears, bearings, automotive parts, other components |





# OIL BASED SERIES RUST PREVENTION PRODUCTS

## 油性系列防锈产品

| TYPE<br>产品种类   | VISCOSITY<br>粘度                      | APPLICABLE TEMPERATURE<br>适用温度 | RUST PREVENTION METHOD<br>防锈方式           | APPLICABLE MATERIAL<br>适用材质                            | TYPICAL APPLICATION<br>典型应用  |
|--|--------------------------------------|--------------------------------|--|--|--|
| <b>Dewater A</b><br>是一种低粘度的无味碳氢化合物脱水液（脱水流体），适用于湿式金属表面的防腐蚀保护<br><br>It is a low viscosity odorless hydrocarbon dehydration fluid (dehydration fluid) and suitable for corrosion protection of wet metal surfaces.   | 20 °C,<br>mm <sup>2</sup> /s<br>1.8  | 常温<br>Room temperature         | 浸泡<br>喷涂<br>涂刷<br><br>Soak, spray, brush | 钢<br>铸铁<br>铝合金<br><br>Steel, cast iron, aluminum alloy | 齿轮<br>轴承类<br>汽车零部件<br>其它零部件<br><br>Gears, bearings, automotive parts, other components |
| <b>Dewater D3</b><br>是一种低粘度的无味碳氢化合物脱水液（脱水流体），适用于湿式金属表面的防腐蚀保护<br><br>It is a low viscosity odorless hydrocarbon dehydration fluid (dehydration fluid) and suitable for corrosion protection of wet metal surfaces.  | 20 °C,<br>mm <sup>2</sup> /s<br>2.9  | 常温<br>Room temperature         | 浸泡<br>喷涂<br>涂刷<br><br>Soak, spray, brush | 钢<br>铸铁<br>铝合金<br><br>Steel, cast iron, aluminum alloy | 齿轮<br>轴承类<br>汽车零部件<br>其它零部件<br><br>Gears, bearings, automotive parts, other components |
| <b>Isotect 300D</b><br>是一种极具活性并具有排水性的液体。能够从湿的金属表面上除去水分并且浸润整个金属表面，高保护性的膜<br><br>It is a highly active and draining liquid. A highly protective film that can remove moisture from wet metal surfaces and infiltrate the entire metal surface.   | 40 °C,<br>mm <sup>2</sup> /s<br>4.5  | 常温<br>Room temperature         | 浸泡<br>喷涂<br>涂刷<br><br>Soak, spray, brush | 钢<br>铸铁<br>铝合金<br><br>Steel, cast iron, aluminum alloy | 齿轮<br>轴承类<br>汽车零部件<br>其它零部件<br><br>Gears, bearings, automotive parts, other components |
| <b>Isotect 380A</b><br>是一种极具活性并具有排水性的液体。能够从湿的金属表面上除去水分并且浸润整个金属表面，高保护性的膜<br><br>It is a highly active and draining liquid. A highly protective film that can remove moisture from wet metal surfaces and infiltrate the entire metal surface.   | 40 °C,<br>mm <sup>2</sup> /s<br>4.85 | 常温<br>Room temperature         | 浸泡<br>喷涂<br>涂刷<br><br>Soak, spray, brush | 钢<br>铸铁<br>铝合金<br><br>Steel, cast iron, aluminum alloy | 齿轮<br>轴承类<br>汽车零部件<br>其它零部件<br><br>Gears, bearings, automotive parts, other components |
| <b>Isotect WSD 304</b><br>是一种溶剂型，含VOC的脱水/防锈液。溶剂蒸发后，在工件上留下薄的轻微蜡状薄膜，该产品具有出色的脱水性能<br><br>It is a solvent based dehydration/rust inhibitor containing VOCs. After solvent evaporation, a thin, slightly waxy film is left on the workpiece, which has excellent dehydration performance. | 20 °C,<br>mm <sup>2</sup> /s<br>2.8  | 常温<br>Room temperature         | 浸泡<br>喷涂<br>涂刷<br><br>Soak, spray, brush | 钢<br>铸铁<br>铝合金<br><br>Steel, cast iron, aluminum alloy | 齿轮<br>轴承类<br>汽车零部件<br>其它零部件<br><br>Gears, bearings, automotive parts, other components |





# OIL BASED SERIES RUST PREVENTION PRODUCTS

## 油性系列防锈产品

| TYPE<br>产品种类   | VISCOSITY<br>粘度                      | APPLICABLE TEMPERATURE<br>适用温度 | RUST PREVENTION METHOD<br>防锈方式       | APPLICABLE MATERIAL<br>适用材质                        | TYPICAL APPLICATION<br>典型应用  |
|--|--------------------------------------|--------------------------------|--------------------------------------|--|--|
| <b>Isotect 390T</b><br>是一种极具活性并具有排水性的液体。能够从湿的金属表面上除去水分并且浸润整个金属表面，高保护性的膜<br>It is a highly active and draining liquid. A highly protective film that can remove moisture from wet metal surfaces and infiltrate the entire metal surface.   | 40 °C,<br>mm <sup>2</sup> /s<br>4.85 | 常温<br>Room temperature         | 浸泡<br>喷涂<br>涂刷<br>Soak, spray, brush | 钢<br>铸铁<br>铝合金<br>Steel, cast iron, aluminum alloy | 齿轮<br>轴承类<br>汽车零部件<br>其它零部件<br>Gears, bearings, automotive parts, other components |
| <b>Isotect OSD 409</b><br>是一种溶剂型，含VOC的脱水/防锈液。溶剂蒸发后，在工件上留下薄的轻微蜡状薄膜，该产品具有出色的脱水性能<br>It is a solvent based dehydration/rust inhibitor containing VOCs. After solvent evaporation, a thin, slightly waxy film is left on the workpiece, which has excellent dehydration performance. | 20 °C,<br>mm <sup>2</sup> /s<br>7.9  | 常温<br>Room temperature         | 浸泡<br>喷涂<br>涂刷<br>Soak, spray, brush | 钢<br>铸铁<br>铝合金<br>Steel, cast iron, aluminum alloy | 齿轮<br>轴承类<br>汽车零部件<br>其它零部件<br>Gears, bearings, automotive parts, other components |
| <b>Isotect OSD 303</b><br>是一种溶剂型，含VOC的脱水/防锈液。溶剂蒸发后，在工件上留下薄的轻微蜡状薄膜，该产品具有出色的脱水性能<br>It is a solvent based dehydration/rust inhibitor containing VOCs. After solvent evaporation, a thin, slightly waxy film is left on the workpiece, which has excellent dehydration performance. | 20 °C,<br>mm <sup>2</sup> /s<br>2.6  | 常温<br>Room temperature         | 浸泡<br>喷涂<br>涂刷<br>Soak, spray, brush | 钢<br>铸铁<br>铝合金<br>Steel, cast iron, aluminum alloy | 齿轮<br>轴承类<br>汽车零部件<br>其它零部件<br>Gears, bearings, automotive parts, other components |
| <b>Isotect WSD 304</b><br>是一种溶剂型，含VOC的脱水/防锈液。溶剂蒸发后，在工件上留下薄的轻微蜡状薄膜，该产品具有出色的脱水性能<br>It is a solvent based dehydration/rust inhibitor containing VOCs. After solvent evaporation, a thin, slightly waxy film is left on the workpiece, which has excellent dehydration performance. | 20 °C,<br>mm <sup>2</sup> /s<br>2.8  | 常温<br>Room temperature         | 浸泡<br>喷涂<br>涂刷<br>Soak, spray, brush | 钢<br>铸铁<br>铝合金<br>Steel, cast iron, aluminum alloy | 齿轮<br>轴承类<br>汽车零部件<br>其它零部件<br>Gears, bearings, automotive parts, other components |

# OPTIMUM PROTECTION





# WATER BASED SERIES RUST PREVENTION PRODUCTS

## 水性系列防锈产品

| TYPE<br>产品种类  | pH VALUE<br>3%<br>pH值 3% | APPLICABLE<br>TEMPERATURE<br>适用温度 | RUST<br>PREVENTION<br>METHOD<br>防锈方式       | APPLICABLE<br>MATERIAL<br>适用材质                              | TYPICAL<br>APPLICATION<br>典型应用  |
|---|--------------------------|-----------------------------------|--|---|---|
| <b>Millclean 503</b><br>良好的抗腐蚀性，防锈效果佳，pH值可长期保持稳定，适用于钢、铸铁等材质零件的工序间防锈<br>Good corrosion resistance, excellent rust prevention effect, pH value stability for a long time, suitable for rust prevention between processes of parts made of steel, cast iron and other materials.                     | 10                       | 20-60                             | 浸泡<br>喷涂<br>涂刷<br>Soak,<br>spray,<br>brush | 钢<br>铸铁<br>铝合金<br>Steel,<br>cast iron,<br>aluminum<br>alloy | 齿轮<br>轴承类<br>汽车零部件<br>其它零部件<br>Gears,<br>bearings,<br>automotive parts,<br>other components |
| <b>Isotect 60</b><br>良好的抗腐蚀性，防锈效果佳，pH值可长期保持稳定，适用于钢、铸铁等材质零件的工序间防锈<br>Good corrosion resistance, excellent rust prevention effect, pH value stability for a long time, suitable for rust prevention between processes of parts made of steel, cast iron and other materials.                        | 9.4                      | 20-70                             | 浸泡<br>喷涂<br>涂刷<br>Soak,<br>spray,<br>brush | 钢<br>铸铁<br>铝合金<br>Steel,<br>cast iron,<br>aluminum<br>alloy | 齿轮<br>轴承类<br>汽车零部件<br>其它零部件<br>Gears,<br>bearings,<br>automotive parts,<br>other components |
| <b>Isotect OW603</b><br>是一种水溶性的防锈浓缩液，保护膜厚度使用于的浓度高低，它会在工件上留下一个高性能的耐水保护膜<br>It is a water-soluble rust proof concentrated solution, and the thickness of the protective film is determined by the concentration and will leave a high-performance water-resistant protective film on the workpiece. | 9.2                      | 20-70                             | 浸泡<br>喷涂<br>涂刷<br>Soak,<br>spray,<br>brush | 钢<br>铸铁<br>铝合金<br>Steel,<br>cast iron,<br>aluminum<br>alloy | 齿轮<br>轴承类<br>汽车零部件<br>其它零部件<br>Gears,<br>bearings,<br>automotive parts,<br>other components |





# WATER BASED SERIES RUST PREVENTION PRODUCTS

## 水性系列防锈产品

| TYPE<br>产品种类   | pH VALUE<br>3%<br>pH值 3% | APPLICABLE<br>TEMPERATURE<br>适用温度 | RUST<br>PREVENTION<br>METHOD<br>防锈方式       | APPLICABLE<br>MATERIAL<br>适用材质                              | TYPICAL<br>APPLICATION<br>典型应用  |
|--|--------------------------|-----------------------------------|--|---|---|
| <b>Aquaplus 22</b><br>可提供长效的防锈功能，但并不会明显改变水性液的理化性能<br>Provide long-lasting rust prevention function, but will not significantly change the physicochemical properties of water-based liquids.   | 9.2                      | 20-70                             | 浸泡<br>喷涂<br>涂刷<br>Soak,<br>spray,<br>brush | 钢<br>铸铁<br>铝合金<br>Steel,<br>cast iron,<br>aluminum<br>alloy | 齿轮<br>轴承类<br>汽车零部件<br>其它零部件<br>Gears,<br>bearings,<br>automotive parts,<br>other components |
| <b>Aquaplus KSO</b><br>可提供长效的防锈功能，但并不会明显改变水性液的理化性能。可应用于冷却系统,感应、火焰淬火,密封测试系统<br>Provide long-lasting rust prevention function, but will not significantly change the physicochemical properties of water-based liquids. Suitable for cooling system, induction, flame quenching, sealing testing system. | 9.4                      | 20-70                             | 浸泡<br>喷涂<br>涂刷<br>Soak,<br>spray,<br>brush | 钢<br>铸铁<br>铝合金<br>Steel,<br>cast iron,<br>aluminum<br>alloy | 齿轮<br>轴承类<br>汽车零部件<br>其它零部件<br>Gears,<br>bearings,<br>automotive parts,<br>other components |
| <b>Isotect 136E</b><br>136E作为冷却水中添加剂的特性，在浸渍过程中形成了均匀的保护膜，具有良好的防锈效果<br>The characteristic of 136E as an additive in cooling water is that it forms a uniform protective film during the immersion process and has a good anti rust effect.   | 9.2                      | 常温                                | 浸泡<br>喷涂<br>涂刷<br>Soak,<br>spray,<br>brush | 钢<br>铸铁<br>铝合金<br>Steel,<br>cast iron,<br>aluminum<br>alloy | 齿轮<br>轴承类<br>汽车零部件<br>其它零部件<br>Gears,<br>bearings,<br>automotive parts,<br>other components |
| <b>Isotect MP3</b><br>通过乳液浸渍或喷涂到需要保护的工件上。在浸渍过程中形成了均匀的保护膜，具有良好的防锈效果<br>Lotion immersion or spray onto the workpiece to be protected. A uniform protective film was formed during the immersion process, which has a good anti rust effect.  | 9.6                      | 常温                                | 浸泡<br>喷涂<br>涂刷<br>Soak,<br>spray,<br>brush | 钢<br>铸铁<br>铝合金<br>Steel,<br>cast iron,<br>aluminum<br>alloy | 齿轮<br>轴承类<br>汽车零部件<br>其它零部件<br>Gears,<br>bearings,<br>automotive parts,<br>other components |



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