OWATROL® OIL

PAINT CONDITIONER & RUST INHIBITOR

Description	OWATROL® OIL is a versatile, highly penetrating air drying oil that can be used alone or added to paint. Used alone it provides a tough, flexible finish, driving out excess moisture and air; displacing it from rusted metal, so stopping rust. Filling dry porous wood to stop paint peeling. Added to any oil or alkyd based coatings and it will give increased wet edge time, improved flow ability, greater adhesion and unlike damaging thinners, will maintain the inherent quality of the paint without affecting its appearance or drying times.
Properties	• Apply directly to rusted surfaces. • Penetrates deep in to rusted surfaces to drive out moisture and air. • Forms a solid stable layer that other paints can firmly adhere to. • Completely seals sound underlying metal against corrosion. • Compatible with all oil and alkyd based paints. • Use on non-ferrous metals - zinc, copper, aluminium… • Primer for galvanised surfaces - No weathering or pickling required. • Additive for all oil/alkyd based paints, stains and varnishes including urethane alkyd paints. • Fills woods pores with oil - Prevents paint peeling. • Assures better adhesion of finishes. • Eases application of finishes in difficult conditions. • Overcoat with OXID VERNIS* on rusted surfaces to maintain the rusted appearance long term. • Improved flow ability - Increased wet edge time.
Basic uses	• For interior and exterior use. • Steel structures, railings, pipes, grills, stairs... • Machinery, engine parts, trailers... • Hulls, tanks... • All Wood surfaces, dry, porous, soft & punky... • Horizontal and vertical surfaces.
Technical data	**Finish:** Transparent matt. **Vehicle type:** Alkyd resins **Solvent type:** Solvent **Specific gravity at 20°C (68°F):** 0.88 ± 0.05 **Viscosity at 20°C (68°F):** 100" (Cup ISO 3) **Solid content:** 49% ± 2 **Flash point:** > + 60°C (140°F) **Temperature Resistance (Fully Cured Dry Film):** Up to 175°C (347°F) **Colour:** Clear **Drying times**: • Touch Dry: 12 hours. • Full Dry: 24 hours depending on temperature and humidity. • Re-coat: 24-48 hours. **Container size:** Aerosol 300ml. Cans 250ml, 0.5L, 1L, 5L, 20L, 200L. **Shelf life:** 2 years minimum in original unopened packaging. **VOC:** EU limit value for this product (cat. A/h): 750 g/L. (2010).
Surface preparation **(1/2)**	**PAINT CONDITIONER** Prepare surface as per instructions on the paint can. Remove all loose and flaking material. Treat any organic growth with fungicidal solution or a mix of 1 part water to 1 part chlorine bleach (allow bleach solution to sit for 15 minutes), rinse thoroughly and allow to dry.

Surface preparation **(2/2)**	**RUST INHIBITOR** Surfaces must be clean, dry and free from oil, grease and other surface contaminants. Remove all mill glaze from new metal. Remove all scale; loose and flaking rust and old paint back to a sound surface and edge. Feather in any sharp edges. Surfaces exposed to chemicals (acids, alkalis or salt deposits) should be washed using copious amounts of water or steam cleaned. Allow to fully dry. New metal or severely contaminated surfaces should be cleaned using an appropriate solvent. **Do not remove firm rust.** **Do not clean metal back to a bright finish.**
Application tools	Brush. Roller. Airless or HVLP sprayer. Garden/Pump sprayer.
Good application practice	Cover everything you do not wish to paint. Apply between 5°C (41°F) and 35°C (95°F). Do not apply in direct sunlight or to hot surfaces. Always test for compatibility when adding OWATROL® OIL to paint.
Application	**PAINT CONDITIONER** Apply paint in normal manner. If paint is sticky, drags, sets up to fast or does not level properly add OWATROL® OIL (stirring in well) until the paint works smoothly, easily and evenly. Allow the brush, roller or sprayer to be your guide. ***Mixing instructions*** Topcoat: As required. Normally 5% - 20% by volume. Undercoat: up to 30% by volume. Primer: up to 50% by volume. **The above is meant as a guide only. Conditions of application, porosity of surface etc. will dictate the amount of OWATROL® OIL to be mixed into the paint.** ***Wood surfaces in sound condition*** Prime any bare wood with a mix of 1 part OWATROL® OIL to 2 parts primer. Allow to dry. Follow with normal paint system adding OWATROL® OIL as in "Mixing Instructions" above. ***Damaged, soft or punky wood surfaces*** Apply 2 to 4 liberal applications of OWATROL® OIL wet on wet, as fast as the wood will absorb it. **Do not allow OWATROL® OIL to dry between applications.** When the wood cannot absorb any more wipe up any excess and allow to dry. Follow with normal paint system adding OWATROL® OIL as in "Mixing Instructions" above to ease application and aid adhesion. **RUST INHIBITOR** ***New Clean Metal*** Prime with a mix of 1 part OWATROL® OIL to 3 parts primer or 1 application of OWATROL® OIL. Follow with normal paint system adding OWATROL® OIL to subsequent coats if required. Note: New metal is classed as pickled stock or metal that has been sandblasted to remove any mill glaze and is not rusty. ***New Unpainted Rusty Metal*** Prime surface with a mix of 1 part OWATROL® OIL to 1 part Primer or saturate with "wet-on-wet" applications of OWATROL® OIL. Saturation is indicated by a uniform glossy appearance Before this has hardened, check surfaces and remove any loose rust scale. Touch up these areas. Follow with normal paint system adding OWATROL® OIL to subsequent coats if required. ***Light or Spot Rusted Surfaces*** Prime surface with a mix of 1 part OWATROL® OIL to 2 parts primer or apply OWATROL® OIL. Follow with normal paint system adding OWATROL® OIL to subsequent coats if required. ***Old Severely Rusted Surfaces*** Apply wet on wet applications of OWATROL® OIL to all exposed rust until fully saturated. Saturation is indicated by a uniform glossy appearance. Before this has hardened, check surfaces and remove rust scale and old paint loosened by the above. Touch up these areas. Follow with normal paint system adding OWATROL® OIL to subsequent coats if required. **Note:** OWATROL® OIL will not lift well bonded paint

Restrictions	Do not mix or overcoat OWATROL® OIL with paints containing hot solvents e.g. Xylene, 2 part coatings, chlorinated rubber etc. - for these type of paints use OWATROL®-C.I.P.*
Coverage	18 m^2 per litre. Actual coverage will vary depending on type, texture and porosity of surface as well as application method.
Clean-up	Clean all tools and equipment with White (Mineral) Spirits. If allowed to dry, remove with paint stripper. Aerosol: Invert can and spray to clear nozzle. Wipe with an absorbent cloth. **NOTE:** Any rags, steel wool etc. soaked in OWATROL® OIL may spontaneously catch fire if improperly discarded. Rags, steel wool etc. must be saturated with water after use or placed in a sealed, water filled metal container before disposing of, alternatively rags may be laid out flat to dry before disposing of.
Storage	Left over OWATROL® OIL should be transferred to a smaller, airtight, closed metal or glass container. Keep from freezing and high temperature.
General Information	Every care is taken to ensure that the information provided in this technical data sheet is accurate. **Owatrol International** is unable to guarantee results as we have no control over the conditions under which our products are applied. For further advice and information please contact our technical department by email at info@owatrol.com or the local OWATROL® Agent for your country. The information above is correct at the date of issue. All other OWATROL® products named in this document should be used as per label instructions and the Technical Data Sheet.
Safety	Refer to the safety data sheet (SDS) available at **www.owatrol.com** and text on the packaging. Keep out of the reach of children.
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* Same manufacturer.

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