

AQUANIL - DWO

(DEWATERING OIL : Temp Rust Preventive for Mild Steel Components)

SCOPE:

AQUANIL DWO is a petroleum solvent based water displacing oil, which acts as an excellent rust preventive, by deposition of a thin film of rust preventive on the treated components. **AQUANIL DWO** is used for the protection of virgin Metal as also treated metal parts. (Heat -treated, Phosphated, Pickled & blackodised components.) It leaves a very thin film of rust preventive, having corrosion inhibitors. **AQUANIL DWO** can be also used for ferrous & non-ferrous metal components. **AQUANIL DWO** doesn't react with plastics, rubbers, or organic coatings.

AQUANIL - DWO TECHNICAL SPECIFICATIONS:

• Colour	: Light Brown to Amber.
• Nature	: Slight viscous, volatile, non-toxic, non-corrosive Liquid with slight organic smell.
• Density	: 0.82 + / -0.02.
• Recommended Method of Use	: DIP / Brush / Spray
• Oil Absorption	: Nearly 30 to 35%.
• Water Displacement	: Excellent.
• Drying Time	: Non Drying.
• Treatment Method	: Dipping / Spray.
• Film Thickness	: 0.5 to 1 micron .
• Salt Spray Test	: Passes 72 Hours.
• Coverage	: 200 -250 Ft. Sq: per litre.
• Removal	: By swabbing with organic solvents. Trichloroethylene or Alkaline Degreaser.

USES & APPLICATIONS :

AQUANIL DWO can be used for Fabricated ferrous & Non Ferrous metal components , viz , Aluminium , Aluminium alloys , Copper , Brass , Monel Metals , Mild Steel & Stainless Steel.

AQUANIL DWO acts as an excellent Rust Preventive for all “ Work in progress “ components ; Metallic parts awaiting for machining , Fabrication and Assembly in an engineering shop need corrosion protection during transit & storage . It is excellent for rust prevention in components after Heat treatment , Annealing electroplating & such other Metal forming / Metal working processes.

AQUANIL DWO can be used on all pickled, phosphated ; blackodised, & Electroplated components preferably by dipping method. **Especially it is recommended for Metals pickled in Hydrochloric Acid baths** (which are prone to rusting). The dipping time shall be 3-5 min. Displaced water shall accumulate at the bottom of the tank. This can be periodically drained by opening bottom-drain valve. The treated components shall be placed above the tank for 30-60 seconds to drain off excess deposition of **AQUANIL DWO**.

The treated components now acquire 2- 3 months of indoor rust protection .

PRECAUTIONS: Aquanil – DWO is Flammable as it is formulated using Petro-Chemical Solvents and Oils

Always keep container closed when not in use . Keep the containers away from fire & open flames. Operators must use all the normal & Necessary protective gear during the use and Handling of Aquanil-DWO.

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