

Phos-Brite 251 - Iron Phosphating Compound

DESCRIPTION

Formulated for use in hot spray or tunnel washers, Phos-Brite 251 is a multi-metal iron phosphating compound designed to treat steel, aluminum, zinc and some colour metals prior to painting. This product:

1. Cleans the metal of oil, grease and dirt.
2. Removes oxidation from the metal surface.
3. Conditions the surface for phosphate deposit.
4. Deposits a controlled amount of phosphate on the surface.
5. Protects treated parts from corrosion.
6. Provides a base for paint adhesion or lubricant retention.

Phos-Brite 251 incorporates superior surfactants and activators to produce smooth and uniform phosphate coating on most common metals, including hot rolled steel. When properly applied, the phosphate coating will have a characteristic blue colour on cold rolled steel. On other metals it may be clear, gold or grey. Phos-Brite 251 cleans extremely fast (30-60 seconds), requires no costly additives, and never over-phosphates at proper concentration. Completely non-hazardous and biodegradable.

DIRECTIONS

PRESSURE WASHER OR STEAMER - use at 0.2-0.5% at 150°F or higher. Apply for 30-90 seconds, alternating sides to prevent streaking. Phos-Brite 250 may be more suitable and economical in this application.

SPRAY OR TUNNEL WASHERS - use at 0.5-1.5% at 120-180°F. Higher temperatures produce faster cleaning and higher coating weights. Apply for 30-120 seconds.

DIP TANK - use at 1-10 % at 150-200°F. 5 to 30 minutes exposure time is required, depending on the type of metal and coating weight desired.

To store phosphated parts for extended periods (up to 5 years indoor), coat them in Phos-Brite 262.

CAUTION

Phos-Brite 251 contains phosphoric acid. Use gloves and goggles when handling this product in its concentrated form. Spent solution can be flushed into the sewer after testing for acidity and heavy metal concentration.

NOTICE

To our best knowledge, the information and recommendations contained herein are accurate and reliable. However, this information and our recommendations are furnished without warranty, expressed or implied. The manufacturer's sole obligation shall be to replace the portion of the product proven to be defective. The seller or manufacturer shall not be liable for any loss, damage or injury from the use or possession of this product.