



M - 2280 – 4
SAE-AMS-1380 TYPE 2 & MIL-D-26549A
SCALE CONDITIONER, ALKALINE
Aircraft Turbine Engine Components

Description

M-2280-4 is a strong alkaline liquid product which meets the requirements of specification AMS-1380 Type 2 and MIL-D-26549.

Application

M-2280-4 is a product specially designed for cleaning and removing carbon deposits, metallic oxides and "heat scales" from the "hot section" engine parts.

M-2280-4 can be used for stripping "SermeTel W" type paint.

It is safe for ferrous metals, magnesium and stainless steels parts but it is not safe for aluminum, tin, zinc and their alloys.

Usage

It is extremely important to notice that the application method varies depending on the use of the product.

- Generally the product is used neat by immersion in a temperature between 115 - 135 °C. The immersion time is 45 - 60 minutes.
- For cleaning titanium parts the temperature must be 72 - 77 °C.

Because the operating temperature of the solution is greater than the boiling point of the water and because the solution level must be constant, it is necessary to add hot water in order to maintain the temperature of the solution at 115 - 135 °C.

All parts after cleaning are rinsed in hot water and follow the procedure using permanganate and phosphoric or nitric acid solutions.

Alternative Use

For other applications, according to the degree of contamination, M-2280-4 could be used in lower temperatures up to 90°C and may be diluted with water in a proportion 1 : 1

Product properties

Appearance	: Clear liquid
Specific gravity	: 1,33 ± 0,05
Flash point	: None

Safety

M-2280-4 contains alkaline materials. Avoid contact with skin and eyes. Wear protective clothes when handling.

Packaging

M-2280-4 is available in 55 gallons drums.