

Approvals and conformities

PRATT & WHITNEY	SPMC-129
ROLLS ROYCE	oMat 173N
GE	CO4-182
CFM	CP-2562
IAE/V2500	CoMat 01-417
HONEYWELL	C04-0052 (TPE, TFE & APU engines), C04-184 (AS900 engines)
SAFRAN AIRCRAFT ENGINES (formerly SNECMA)	DMR 70-620
SAFRAN HELICOPTER ENGINES (formerly TURBOMECA)	CCT LB 540 / RTC 70-20-03-280-811
OTAN/NATO	(US DoD) NSN# 6850-20-005-3884
ENGINE ALLIANCE GP7000	EAC-0095-4

Heavy duty alkaline liquid that removes carbon deposits, complex metallic oxides and heat scale from hot sections of jet engines during aircraft maintenance operations. Consistent performance, even as bath ages.

HDL-202 conditions adherent scale for complete removal in subsequent processes such as scale oxidation in an alkaline permanganate bath and scale removal in an acid bath.

304 or 316 Stainless Steel Tank Unit are recommended for use.

HDL-202 is a viscous liquid blend of strong alkalies and chelants.

- Helps strip rust and paint in one operation.
- Highly effective as a remover of metallic oxides and heat scale.
- Approved for use on high-strength or high heat-resistant alloys.
- No hydrogen embrittlement.
- Can be used for quick cleaning of titanium.

HDL 202 is a product from the MagChem range.

DIRECTIONS FOR USE

For scale removal and conditioning.

A- STEEL AND HEAT RESISTANCE ALLOY

Use at a concentration of 30 to 40%, depending on the tenacity of the scale and soils to be removed. Heat the solution to 82 - 93°C (180 - 200°F). Parts to be processed are immersed for 20 - 60 minutes, preferably with agitation, followed by a thorough pressure and/or overflowing water rinse. Jet engine parts may require further processing depending on soil conditions and appropriate specification requirements.

B - TITANIUM

Use at a concentration of 12-18%. Heat the solution to 71-88°C (160-190°F). Parts to be processed are immersed for 10-30 minutes, preferably with agitation, followed by a thorough pressure and/or overflowing water rinse.

Concentrations can be maintained by standard titration procedures that we provide.

NOTE

- 1) Not suitable for use on non-ferrous metals such as aluminium, zinc, etc.
- 2) 316 stainless steel tank construction recommended.

TECHNICAL CHARACTERISTICS

Appearance yellowish liquid
Specific gravity 1.5
pH (at 100%) 14

PRECAUTIONS FOR USE AND STORAGE

Storage: Keep container tightly closed and away from water or acids. Store the product at a temperature above 10°C (50°F) to avoid crystallisation.

For more information regarding the danger of the product, please consult the product safety data sheet according to local regulation.

For professional use only.

This technical data sheet replaces and cancels the previous one.

The above details have been compiled to the best of our knowledge. They have, however, an indicative value only and we therefore make no warranties and assume no liability in connection with any use of this information, particularly if a third party's rights are affected by the use of our products. The above information has been compiled based upon tests carried out by SOCOMORE. All data is subject to change as Socomore deems appropriate. The data given is not intended to substitute for any testing you must conduct in order to determine the suitability of the product for your particular purposes. Please check your local legislation applicable to the use of this product. Should you need any further information please contact us.