

### Approvals and conformities

GE	CO 4-273
ROLLS ROYCE	oMat 198
TURBOMECA	CCT LB-540 / RTC 70-20-22-110-801
PRATT & WHITNEY	SPMC 204-1 / HDL-2524-C ; SPMC 204-2 / HDL 2524-P
IAE/V2500	CoMat 01-547 & 01-546
CFM	CP-2675
ENGINE ALLIANCE GP7000	EAC-0365-10
SNECMA	DMR 70-620

**HDL 2524 is used as part of a multi-stage process to assist in the removal of oxides and complex metallic heat scales from jet engine components.**

HDL 2524 is a two-part product.

HDL 2524C consists of liquid caustic alkali.

HDL 2524P consists of a concentrated liquid permanganate.

- Liquid version easy to handle.
- Highly effective oxidizer of complex heat scales without corrosion to base metals (ferrous and high temperature alloys).
- Approved for use on high strength or high heat resistant alloys.
- Minimum sludge formation at the bottom of the tank.

HDL 2524 is a product from the MagChem range.

## USES

Add 20% (by volume) of water directly in the tank. Add 30-50% (by volume) of HDL 2524C, and 15-25% (by volume) of HDL-2524P. Fill the tank with water to working level, then stir the solution to mix. Finally, heat solution to 82-93°C (180-200°F).

A heated tank constructed of 316 Stainless Steel is recommended.

Use of Agitating Equipment will generally enhance process results.

## TECHNICAL CHARACTERISTICS

Appearance . . . . .	HDL-2524P : dark purple liquid / HDL-2524C: clear viscous liquid
Specific gravity . . . . .	(at 20°C) HDL-2524P: 1.16 /HDL-2524C : 1.32
pH . . . . .	(at 100%) HDL-2524P : 6-9 / HDL-2524C : >13

## ***PRECAUTIONS FOR USE AND STORAGE***

---

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 BABBCO SOCOMORE NDT. 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.