

### Approvals and conformities

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

**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**

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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**

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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.**

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