

# RENOFORM DYW 3001



MOVING YOUR WORLD



Synthetic evanescent lubricant with a high affinity for the surface of materials. This key feature significantly reduces tool wear, prolonging tool life and optimising tool performance.

The excellent heat transfer film prevents tool temperature rise, reduces tool wear and extends tool life, which traditional oils cannot match. The excellent wettability of RENOFORM DYW 3001 improves the drying of parts, facilitating or eliminating subsequent cleaning.

Health, safety and environmental care are our top priorities. **RENOFORM DYW 3001 is a new generation evanescent product** that does not contain organic solvents. Its formulation is also free of chlorine and heavy metals.

**Its high performance exceeds that of any traditional mineral oil based oil on the market.**

## Advantages

- **Improved PERFORMANCE**  
By reducing friction, it allows for more efficient and accurate stamping.
- **QUICK drying**
- **EXCELLENT QUALITY of the surface finish of the parts**  
Contributes to high quality, defect-free parts

## Benefits

- **No hazard labelling**  
Health, safety and care for the environment are our top priorities.
- **WATER-based formulation**  
Improves the working environment for operating personnel

## Applications

- **Ideal for a wide range of forming operations, such as deep drawing, stamping and bending of various materials, including steel, aluminium and other non-ferrous materials**
- **Lightweight forming of stainless steel and galvanised materials**



# Proven, the synthetic technology of RENOFORM DYW 3001 overcomes the limitations of traditional mineral-based vanishing lubricants

## FEATURE COMPARISON

Mineral evanescent market standard		RENOFORM DYW 3001
50 mN/m	Surface tension > 30mN/m DIN ISO-310	76 mN/m
3,2 mm <sup>2</sup> /s	Viscosity mm <sup>2</sup> /s DIN 51659-2	8,5 mm <sup>2</sup> /s
4	Smoke and odour Max. 6 according to VDA 270	2
0.18 - 0.24 μ	Coefficient of friction Max. 0.2μ	0.04 - 0.15 μ
9 %	Non-evaporating residue 15 % max 95°C, 15h of kiln drying	11,3 %

## More advantages of RENOFORM DYW 3001 vs. traditional Vanishing Lubricant

 <p><b>10% LESS DRYING TIME</b></p>	 <p><b>50% MORE SUSTAINABLE</b></p>	 <p><b>90% SAFER</b></p>	 <p><b>50% EASIER TO APPLY BY SPRAYING</b></p>	 <p><b>30% MORE COMPATIBLE WITH NON-FERROUS MATERIALS</b></p>
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FUCHS LUBRICANTES S.A.U.  
Tel. +34 93 547 58 59  
www.fuchs.com/es

If you are still using a mineral-based evanescent for metal forming, contact our expert staff for advice on switching to this new, more efficient, sustainable and safer synthetic technology.

info.es@fuchs.com