

# PAINT



## APPLICATION

<ul style="list-style-type: none"> <li>• Liquid</li> <li>• Base</li> <li>• Q (m3/h)</li> <li>• Temperature (°C)</li> <li>• Viscosity (cPs)</li> <li>• P (bar) :</li> </ul>	Paints Water and Solvent 2 à 6,5 20 3000 maximum 3	<ul style="list-style-type: none"> <li>• Abrasive</li> <li>• Particles (mm)</li> <li>• ATEX</li> <li>• Fragile</li> <li>• Self priming</li> <li>• Specific gravity</li> </ul>	Yes No Yes Yes Yes 1,4
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The plant is producing water and solvent based paints for automotive industry.

## ISSUES

Multi purpose pumps:  
 Suction of solvents and resins out of 200 litre drums at 2m3/h  
 Loop circulation and filtration on main tank.  
 Conditioning paint to tank trucks at 6,5m3/h.  
 Conditioning paint to containers at 5m3/h.  
 Empties pipes, completely cleaned, between every use of the pumps.

## MOUVEX SOLUTION

C12I Technology Construction Mechanical seal Static seals Jacket Frequency inverter  Speed	Mouvex Eccentric disc Stainless steel Seal-less PTFE coated FKM No  Low 250 rpm maxi
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The 4 C12I have been running perfectly since June 2003.

The cyclic volume stays constant whatever the viscosity, pressure or pump wear.