

DOSING ADDITIVES FOR WET WIPES

**SOLUTIONS: GD-M35
GB-P35**



FLUID

Mixture of oils, tensides, flavors, emulgators, and high purity water

APPLICATION

Wet wipes contain different additives depending on the ultimate end use. These are for personal care for baby skin, face cleaning, general cleaning of skin in different areas of the body. As the need for wet wipes for surface cleaning purposes as well as sanitizing of surfaces has risen, manufacturing has increased to keep up with demand.

A customer who is producing these different types of wet wipes utilizes several Micropump pumps in the plant. These are used for dosing of different types of additives that are applied in different ratios for the different wet wipe types. The pumps generate flow from a storage tank through a static mixer. The resulting mix of oils, tensides, flavors, emulgators and high purity water are then sprayed onto a layer of fleece, natural or synthetic carrier material.

PROJECT SUCCESS

GD-M35.JF5S.6 coupled with an IEC motor as well as a GB-P35.PF5S.A-P4 coupled with an A-mount motor with forced ventilation to reach the maximum range of capacity via VFD.

Pumps supply to a sprayer, which applies the fluid mixture as the wet wipes pass by. For that reason, pulseless flow is critical. Micropump pumps were selected due to the combination of pulseless flow and dosing precision. Additionally, the customer is able to manufacture different liquid slurries with the broad motor speed flexibility.

Micropump was originally chosen by the distributor and customer for success. Since the initial pumps, the customer has expanded their manufacturing plant and more Micropump pumps have been designed into the production lines.

BENEFITS

FEATURE / ADVANTAGE

- External gear pump design → Precise, pulse-free flow
- Magnetically driven → Seal-less design, no leakages
- Motor compatability → Adaptable to fit A-mount and IEC or NEMA 56C industrial motors
- Broad pump performance envelope → Solutions for different applications within a manufacturing process.
- Suction shoe design → Self-compensates for wear



Accurate Flow



**Longevity of pump
lifespan**



**Suitable for use with a
wide range of chemistries**



**Motor mount
flexibility**



Distributor Partner

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