



Silicones for the Graphic Industry

Our expertise in the Graphic Industry

- *Over 35 years of experience*
- *Full range of products*
 - *Silicone emulsions: SEMPURE*
 - *Silicone-Wax emulsions: WAXIL*
- *Dedicated R&D team*
- *Own laboratory and production*
- *Full analysis of competitors' emulsion possible*

A specially formulated range for the heat-set web offset printing industry

- *Standard Emulsions*
- *High Speed Emulsions*
- *Waxil[®] Emulsions*



Standard Emulsions

- **BRB Sempure 60 Graphic**
60% non-ionic emulsion of middle viscosity silicone fluid
- **BRB Sempure 35 Graphic**
35% non-ionic emulsion of middle viscosity silicone fluid
- **Benefits**
 - *Superior wetting properties ensuring a perfect remoistening*
 - *Economic in use, suited for super calendered (SC), light weight coated (LWC) or coated paper*
 - *Ideal for lower speed printing (up to 40,000 copies per hour)*
 - *Antistatic effect with the addition of **BRB Antistat***
 - *Sub-micronic particle size → outstanding dilution stability*
 - *Low viscosity → good wetting*
 - *Neutral pH → No corrosion to machinery*
 - *Nonylphenol free surfactant system → Environmental Friendly*

High Speed Emulsions

- **BRB Sempure HV 6500**
60% non-ionic emulsion of an optimized silicone blend of different viscosities.
- **BRB Sempure HV 3500**
30% non-ionic emulsion of an optimized silicone blend of different viscosities.
- **Benefits**
 - *Designed for very high speed printing, anti-mist effect (up to 90,000 copies per hour in any condition)*
 - *Enhances quality on uncoated / newsprint paper*
 - *Reduction of smearing and streaking, enhanced mar resistance*
 - *Long lasting gloss*
 - *Antistatic effect with the addition of **BRB Antistat***
 - *Sub-micronic particle size → outstanding dilution stability*
 - *Neutral pH → No corrosion to machinery*
 - *Nonylphenol free surfactant system → Environmental Friendly*

Waxil® Emulsions Advanced Silicone Technology

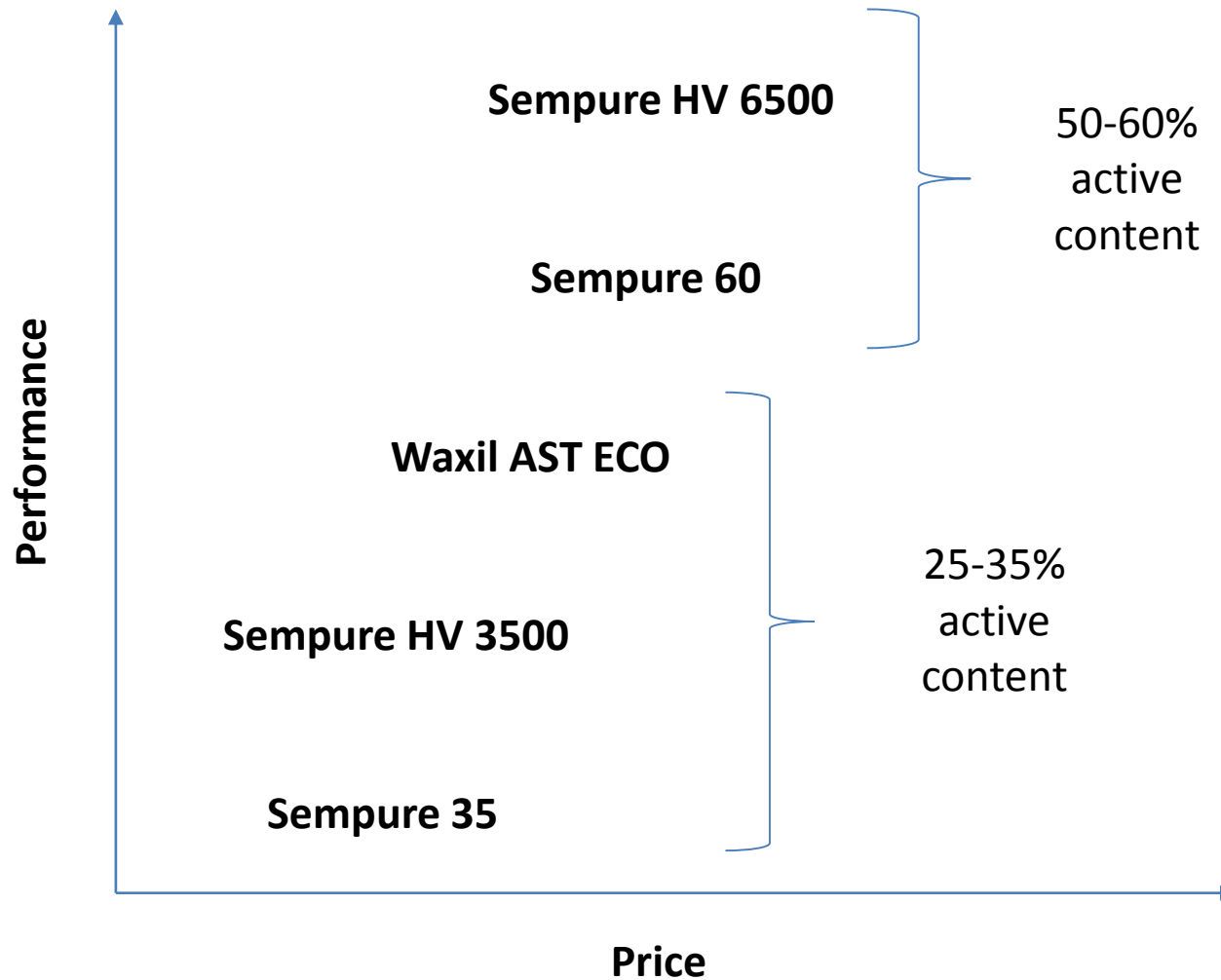
- **BRB Waxil AST ECO**

25% non-ionic emulsion of an optimized blend of silicone and polyethylene wax.

- **Benefits**

- *Enhances quality on uncoated / newsprint paper*
- *Lower consumption than standard silicone emulsions*
- *Natural built-in antistatic effect*
- *Superior smearing and streaking reduction, exceptional mar resistance*
- *Outstanding long lasting gloss*
- *Increased paper strength, reduced risk of cracking*
- *Designed for high speed printing, anti-mist effect (up to 90,000 copies per hour in reverse / closed coating conditions)*

Price / performance



Product selector

| | Sempure 35 & 60 | Sempure HV 3500 & 6500 | Waxil AST ECO |
|---------------------------------------------------------------------|-----------------|------------------------|---------------|
| Gloss | ★ | ★★ | ★★★ |
| Anti misting at high speed | ★ | ★★★ | ★★ |
| Remoistening | ★★★ | ★★ | ★★ |
| Mar resistance & smearing reduction | ★ | ★★ | ★★★ |
| Streaking & blade cut reduction | ★ | ★ | ★★★ |
| Anti static effect | ★ | ★ | ★★★ |
| Lower consumption | ★ | ★ | ★★★ |
| Dark color printing quality | ★ | ★ | ★★★ |
| Reduction of ink migration | ★ | ★ | ★★★ |
| Using uncoated / newsprint paper | ★ | ★★★ | ★★★ |



Powerful like a major, flexible like a formulator

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BRB has more than 10 locations worldwide from which we supply our markets and meet our customer's needs. Get in contact with us by scanning this code.