

Creating Additive Value



Defoamers For All Cleaning Applications

- Floor Cleaners
- Household Cleaners
- General Purpose Cleaners
- Clean-in-place (CIP)
- Dish & Laundry Detergents
- Tankside for acid/alkaline cleaners
- Disinfectants
- Car Washes

FOAM BAN®	Concentrate	Tankside	Highly Compatible	Fast Knockdown	Persistent Foam Control
HV-820N	✓		✓		✓
HP750	✓		✓		✓
MS-550	✓			✓	
225D		✓		✓	
TK-201		✓		✓	✓

Key Terms:

- **Concentrate Defoamer:** needs to provide foam control and be highly stable in the cleaner
- **Tankside Defoamer:** used during the cleaning application to provide foam control
- **Knockdown:** rate at which the defoamer eliminates foam that has built up
- **Persistence:** ability of a defoamer to maintain foam control under prolonged shear
- **Compatibility:** measure of how likely the defoamer is to create body haze or separate out

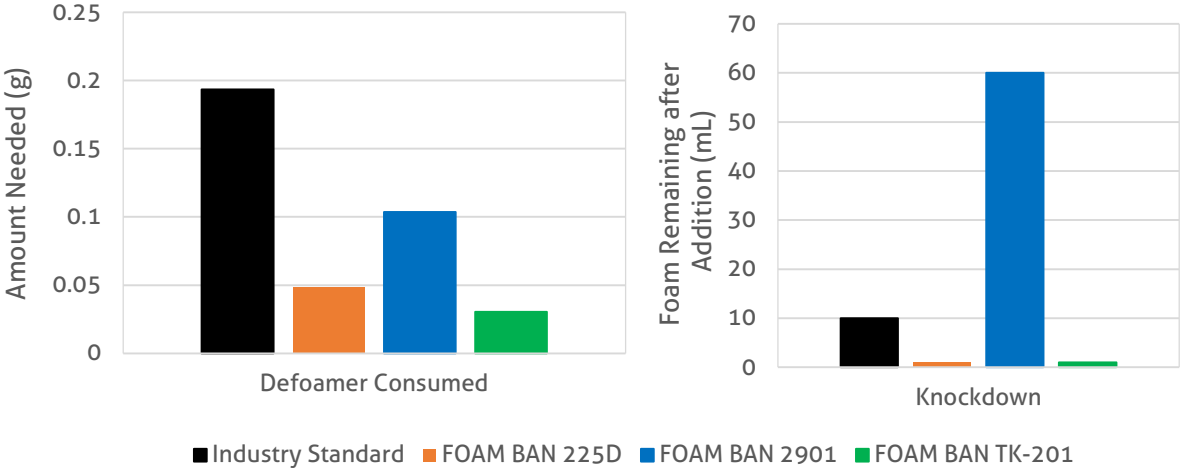


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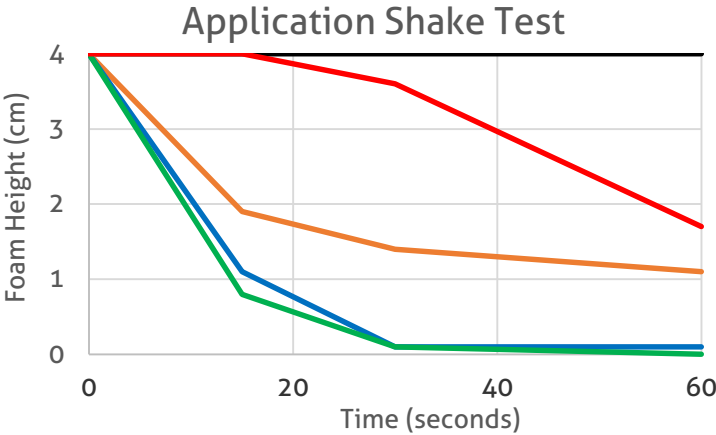
Steel Mill Degreaser

Tankside Recirculation Test

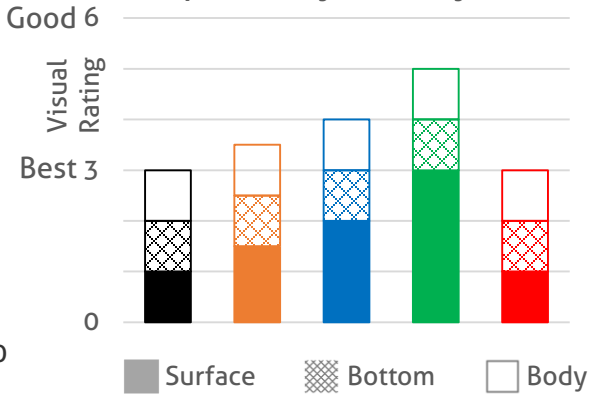


- **Highly alkaline, pH=14, application**
- 3 Hour recirculation test where defoamer is added as needed
- Less defoamer consumed and less foam remaining after addition indicates better performance
- FOAM BAN 225D and FOAM BAN TK-201 (3D siloxane): better than industry standard

General Purpose Cleaner



Compatibility: 14 Day, 25 °C



- Blank (no defoamer)
- FOAM BAN HV-820N at 0.02%
- FOAM BAN HP750 at 0.02%
- FOAM BAN MS-550 at 0.02%
- MAGRABAR J-305 at 0.20%

- FOAM BAN HV-820N and FOAM BAN HP750 (3D siloxane): **excellent compatibility**
- FOAM BAN MS-550 (3D siloxane): **exceptionally fast foam break**
- MAGRABAR J-305 (non-Si): **low CDV**, best in the most environmentally friendly cleaners

