

TRANS-083 - AMS Pulp Mill Defoamer Polymer

TRANS-083 is a proprietary polymer designed to improve pulp mill defoamers performance and enhance drainage on brown stock washers. TRANS-083 can be post added to an existing formulation and/or incorporated into the defoamer manufacturing process. TRANS-083 is effective in oil based defoamers, water extended defoamers, water-based silicone defoamers, and silicone concentrates.

TRANS-083 can be used as an additive to a pulp mill defoamer at levels from 1% to 5% of a defoamer formulation to being a basis for a pulp mill defoamer at levels from 24% to 40%.

When used as the basis for a pulp mill defoamer TRANS-083 works as an antifoam which further improves brown stock washing; if the liquor is less prone to foam it will drain better through the pulp mat. Polyols, silicone surfactants, and hydrophobic silica works well when TRANS-083 is used as the defoamer base. TRANS-083 is also effective on red stock washers and in carbonate mills.

TYPICAL PROPERTIES

COMPOSITION:	Proprietary blend
TYPE:	Nonionic
APPEARANCE:	Clear water white liquid
SPECIFIC GRAVITY:	Approx. 1.02
VISCOSITY:	1000-3000 cPs
SOLUBILITY IN WATER:	Insoluble
FLASH POINT:	> 450 ° F
PACKAGING:	5 gal pail @ 40# net 55 gal drum @ 450# net 275 gal tote @ 2250# net
F.D.A. INFORMATION:	Approved under 21CFR 176.210, 176.180, 176.170 Any additional regulatory information please contact Applied Material Solutions, Inc.

LIMITED WARRANTY - PLEASE READ CAREFULLY

For any given application, it is the responsibility of the end-user to assess the antifoam for suitability, performance, and safety. Applied Material Solutions' sole warranty is that the antifoam, as supplied at the time of shipment, will meet the specifications described on the Certificate of Analysis. All other warranties, either express or implied, are disclaimed by Applied Material Solutions, including the warranties of merchantability and of fitness for use. Applied Material Solutions' sole liability is limited to the refund of the purchase price or replacement of any antifoam shown to be other than as warranted. Applied Material Solutions disclaims any liability for any incidental or consequential damages resulting from the use of this product.

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