

SYLVATAL™ 25/30S Distilled Tall Oil

PRODUCT DATA SHEET

SYLVATAL 25/30S Distilled Tall Oil (DTO), with a 25 – 30% rosin acid content, combines the advantages of fatty acids and rosin acids.

FEATURES:

- Fluid at room temperature
- Low saturated fatty acid content
- Monocarboxylic acid functionality

POTENTIAL APPLICATIONS:

- Metal working fluids
- Oilfield chemicals
- Soaps and cleaners
- Alkyd resins
- Varnishes

SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Acid Number (mg KOH/g)	AQCM 001	Min 183	189
Colour, Gardner, Photometer	AQCM 002	Max 7.0	5.2
Free Rosin Acids (%)	AQCM 010	25 – 30	27
Unsaponifiables (%)	AQCM 011	Max 4.0	1.9

*KRATON test methods are available upon request

TYPICAL PROPERTIES

Property	Test Method*	Typical Value
Viscosity at 30 °C (mPa.s)	AQCM 004	62
Viscosity at 40 °C (mPa.s)	AQCM 004	40

*KRATON test methods are available upon request

SOLUBILITY	SYLVATAL™ 25/30S Distilled Tall Oil is <u>soluble</u> in alcohols, aromatics, esters and ketones, and <u>insoluble</u> in water.
COMPATIBILITY	SYLVATAL 25/30S Distilled Tall Oil is compatible with other liquid fatty acids and vegetable oils.
PACKAGING	SYLVATAL 25/30S Distilled Tall Oil is delivered as a liquid in tank trucks, ISO containers, IBC's or steel drums (as available). Typical bulk delivery temperature is 25 – 40 °C (77 – 104 °F).
STORAGE RECOMMENDATION	<p>When drummed SYLVATAL 25/30S Distilled Tall Oil should be stored dry and below 25 °C (77 °F), and away from direct sunlight. In bulk the product should be stored at 25 – 40 °C (77 – 104 °F), and under nitrogen or other inert gas to avoid discoloration through oxidation.</p> <p>This product has a tendency to crystallize after holding for extended periods of time at ambient temperatures of 25 °C (77 °F) or lower. If precipitation occurs, it does not affect the use of the product as a chemical raw material. Slight heating to about 40 °C (104 °F) dissolves the precipitated material.</p> <p>Under correct conditions SYLVATAL 25/30S Distilled Tall Oil should have a shelf life of at least 12 months from the date of production.</p>

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