



**Industrial
Oleochemical
Products**

PRODUCT DATA SHEET

317 Chamberlain Road, Jacobs, South Africa, 4026
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Website: www.oleo.co.za Email: info@oleo.co.za

Oleotall R40-5

Customized distilled tall oil

Fractional distillation of crude tall oil derived from the Kraft pulp and paper process provides distilled tall oil which finds use in lubricant emulsions such as cutting oils. Oleotall R40-5 is a DTO comprises of rosin content between 36-38%

Physical Properties

Property	Description
Appearance @25 °C	Clear yellow to amber liquid
Acid value (mgKOH/g)	178 - 184
Rosin content, (%)	36 - 38
Colour, Gardner	7 - 10

Applications

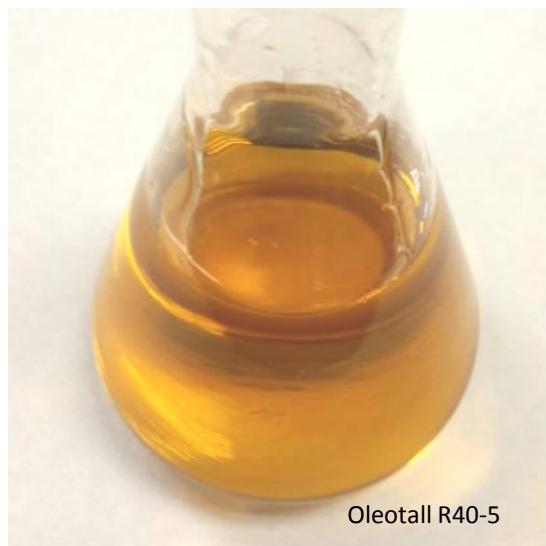
Chemical Intermediates	Drilling fluids
Corrosion inhibitors	Lubricants
Synthetic detergents	Metalworking fluids
Emulsifiers	Plasticizers
Printing Inks	Soaps & Detergents

*Distilled tall oil contains rosin. During storage under extended cool conditions <15°C, the rosin components may separate as a crystalline solid.

**Although normally a clear and bright liquid at room temperature, some components may physically separate out as a haze. This can be incorporated into liquid by heating to 30°C

Useful Product Information

CAS Number	8002-26-4
EINECS	232-304-6
HS Code	382313
Flash Point, (°C)	220
Cloud Point, (°C)	Approx. 10
Specific gravity, 25/25°C	Approx. 0.982
Solubility	Insoluble in water. Soluble in most organic solvents



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Feature & Benefits

Distilled tall oil (DTO) is a low cost unsaturated mixed acids (fatty acids and rosin acids) and is a source of carboxylic acids widely used in lubricants industry.

Oleotall R40-5 is medium colour and high in rosin, consistent, cost-effective, and a source of lubricant base stock. The utility of Oleotall R40-5 can be found in the long carbon chain (C18) acid function of the carboxyl group (-COOH) or rosin acids.



Product Packaging

Pallet: 186kgs x 4 and plastic shrink wrapped
Bulk loads ~ 23000 tons - ~32000 tons per load

Other Oleotall Products

Oleotall R2-2, BR4-4, BR6-6, BR5-5, R20-5, R3-3F, R40-5

Personal Protective Equipment



Always handle Oleotall product in accordance with the safety data sheet (SDS) and proper safety procedures.

Handling:	Ensure the use of personal protective equipment (see SDS: Section 8) Handle and open container with care. Keep away from heat and sources of ignition. The material is combustible but not classified as flammable. Wash thoroughly after handling. Do not eat and drink or smoke while handling this material.
Storage:	Store in original containers and keep containers tightly closed until ready for use. Store in a cool, dry, well-ventilated place. Note that storage under cool conditions may cause separation of natural waxes which may render the product slightly hazy
Incompatible materials:	Mixed acids in contact with un-lined mild steel containers or pipes can result in slow corrosion, depending upon the length of exposure, Darkening of the material may also occur.

Disclaimer

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