

# Product Datasheet

## FOR30/40

**FOR30/40** is a special Distilled Tall Oil (DTO) product with a special combination of fatty and rosin acids. **FOR30/40** is an excellent raw material in various applications, for example, it can be used in metal working fluids, oil field chemicals, soaps, cleaners and alkyd resins.

### Specification of FOR30/40

Analysis	Value	Method
Colour (Gardner)	max. 10	ASTM D 6166
Free rosin acids, %	30 – 40	SCAN-T 14

### Typical analyses of FOR30/40

Analysis	Value	Method
Acid value, mg(KOH)/1g	187	SCAN-T 11
Cloud point, °C	9	ASTM D 2500
Colour (Gardner)	7	ASTM D 6166
Density at 20 °C, kg/m <sup>3</sup>	955	SCAN-T 2
Flash point (closed cup), °C	200	ASTM D 93
Free fatty acids, %	59	Internal method (calc. as oleic acid)
Free rosin acids, %	33	SCAN-T 14
Saponification number	190	SCAN-T 12
Unsaponifiables, %	5	SCAN-T 13
Viscosity at 20 °C, mPas	200	ASTM D 2196

### Product handling

**FOR30/40** should be delivered at around 60 °C, and the recommended minimum storage temperature is 50 °C. If **FOR30/40** is subjected to low temperatures during storage or transportation it may become cloudy or show some precipitation or crystallization. This is a normal characteristic and not a defect. If affected, the material should gently be heated to around 85 °C and circulated or agitated to restore the clear and bright condition.

### Delivery form

Liquid in ISO tank container, road tanker, flexitank or IBC container.

### Product identifier

**EINECS number** 232-304-6  
**CAS number** 8002-26-4  
**CN-code** 38030090



#### PDS FOR30/40 005 March 2024

Forchem disclaims, to the greatest extent permitted by law, all implied and express warranties of any kind regarding the products, including but not limited to suitability of the products for any particular purpose. Kindly note also that it is the sole responsibility of the buyer to respect and comply with any valid intellectual property rights of third parties in buyer's own activities.