

# Product Datasheet

## FOR5

**FOR5** is a Tall Oil Fatty Acid (TOFA) product with a special combination of fatty and rosin acids. **FOR5** 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 FOR5

Analysis	Value	Method
Colour (Gardner)	max. 6	ASTM D 6166
Free rosin acids, %	max. 6	SCAN-T 14
Unsaponifiables, %	max. 4	SCAN-T 13

### Typical analyses of FOR5

Analysis	Value	Method
Acid value, mg(KOH)/1g	194	SCAN-T 11
Colour (Gardner)	4.5	ASTM D 6166
Free fatty acids, %	92	Internal method (calc. as oleic acid)
Free rosin acids, %	5	SCAN-T 14
Unsaponifiables, %	3	SCAN-T 13

### Product handling

**FOR5** should be delivered at around 50 °C, and the recommended minimum storage temperature is 40 °C. If **FOR5** 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 75 °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** 263-107-3  
**CAS number** 61790-12-3  
**CN code** 38231300



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