

# Product Datasheet

## FOR25/30

**FOR25/30** is a special Distilled Tall Oil (DTO) product with a special combination of fatty and rosin acids. **FOR25/30** 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 FOR25/30

| Analysis            | Value   | Method      |
|---------------------|---------|-------------|
| Colour (Gardner)    | max. 7  | ASTM D 6166 |
| Free rosin acids, % | 25 – 30 | SCAN-T 14   |

### Typical analyses of FOR25/30

| Analysis                            | Value | Method                                |
|-------------------------------------|-------|---------------------------------------|
| Acid value, mg(KOH)/1g              | 188   | SCAN-T 11                             |
| Cloud point, °C                     | 8     | ASTM D 2500                           |
| Colour (Gardner)                    | 4.5   | ASTM D 6166                           |
| Density at 20 °C, kg/m <sup>3</sup> | 945   | SCAN-T 2                              |
| Flash point (closed cup), °C        | 200   | ASTM D 93                             |
| Free fatty acids, %                 | 70    | Internal method (calc. as oleic acid) |
| Free rosin acids, %                 | 27.5  | SCAN-T 14                             |
| Pour point, °C                      | 0     | SCAN-T 5                              |
| Saponification number               | 192   | SCAN-T 12                             |
| Unsaponifiables, %                  | 3     | SCAN-T 13                             |
| Viscosity at 20 °C, mPas            | 100   | ASTM D 2196                           |

### Product handling

**FOR25/30** should be delivered at around 50 °C, and the recommended minimum storage temperature is 40 °C. If **FOR25/30** 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** 232-304-6  
**CAS number** 8002-26-4  
**CN-code** 38030090



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