

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 ³ | 955 | SCAN-T 2 |
| Flash point (closed cup), °C | 200 | ASTM D 93 |
| Free fatty acids, % | 59 | Internal method |
| Free rosin acids, % | 33 | SCAN-T 14 |
| Refractive index at 20 °C | 1.497 | SCAN-T 1 |
| 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



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