



UCY30-40 plus Product Datasheet

Item number: 10-048

General Information

UCY30-40 plus is a special Distilled Tall Oil (DTO) product with a special combination of fatty and rosin acids. **UCY30-40 plus** 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. **UCY30-40 plus** is designed for better low temperature properties and it is carefully distilled from selected Tall Oils.

Specification of UCY30-40 plus

Analysis	Value	Method
Colour Gardner, photometer	max. 10	ASTM D 6166-97
Free rosin acids, %	30 – 40	SCAN-T 14:78
Usaponifiables, %	7	SCAN-T 13:74

Typical analyses of UCY30-40 plus

Analysis	Value	Method
Acid value	187	SCAN-T 11:72
Cloud point, °C	3	ASTM D 2500-99
Colour Gardner, photometer	7	ASTM D 6199-97
Density at 20 °C, kg/m ³	955	SCAN-T 2:65
Flash point, closed cup, °C	200	ASTM D 93-00
Free fatty acids, %	59	ASTM D 5974-00
Free rosin acids, %	33	SCAN-T 14:78
Refractive index at 20 °C	1.497	SCAN-T 1:65
Saponification value	190	SCAN-T 12:72
Unsaponifiables, %	5	SCAN-T 13:74
Viscosity at 20 °C, mPas	200	ASTM D 2196-99

Product handling

UCY30-40 plus should be delivered at around 60 °C and the recommended minimum storage temperature is 50 °C. If **UCY30-40 plus** is subjected to cold 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 be gently heated to around 85 °C and circulated or agitated to restore the clear and bright condition.

Delivery form

Preferably bulk liquid in road tanker, rail tank wagon, ISO-container. Delivery in flexitanks, steel drums and IBCs is possible subject to product handling considerations above.