

Typical Properties

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| Appearance | Light Amber Liquid |
| Specific Gravity@25°C | 0.900 - 1.000 |
| Viscosity@40°C, cSt | 50 - 70 |
| Acid Value, mgKOH/g | 190 - 260 |
| Flash Point C.O.C., °C | > 200 |
| Drop Point, °C | 2 |
| Water Content, %wt | < 0.1 |
| Ash Content, %wt | < 0.01 |
| Colophonic Acid Content, %wt | 28 - 32 |
| Unsaponifiable Content, %wt | 4.5 |
| Total Fatty Acid Content, %wt | 66 |
| Non-Volatile Material Content@230°C, %wt | 0.4 |
| Std Packaging (NW / GW, Kg) | 207.0 / 190.0 |

Product Description

SMART DTO has high rosin content, approximately 30%.

SMART DTO is an excellent lubricant and co-emulsifier, suitable for blending soluble oils and semi-synthetic fluids.

SMART DTO can provide good lubricating property and improve surface finishing of the workpieces.

SMART DTO also can be used to fine tune the pH value of water-based systems to achieve better equilibrium.

Applications

General Application

Suggested Treat Rates, %wt

1 - 30

Print date: 28-07-24

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