

TMP trioleate-Iso 46

TMP trioleate-Iso 46 is listed in the TMP ESTERS (Trimethylolpropane) range for advanced industrial ester and formulation enquiries.

DOCUMENT TYPE	Technical Data Sheet (TDS)
PRODUCT CODE	ADT-CAT-284
DOCUMENT TITLE	ADTEC 133 TMP TRIOLEATE-ISO 46-POLYRHEO-TDS
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ADTEC 133 TMP TRIOLEATE-ISO 46

CAS NO: 57675-44-2

PRODUCT DESCRIPTION

ADTEC 133 TMP Trioleate–ISO 46 is a liquid ester lubricant based on trimethylolpropane and oleic acid. It is a clear, characteristic-colored fluid with very low volatility and excellent oxidative stability. The product is non-hazardous, non-flammable under normal handling conditions, and carries a high flash point, making it suitable for industrial lubrication and formulation use.

PROPERTIES

Test Parameter	Specification	Test Method
Viscosity @ 40°C (cSt)	Report	ASTM D-445
Total Acid Number (mg KOH/g)	1.0 Max	ASTM D-974
Saponification Number (mg KOH/g)	180 – 192	ASTM D-94
Iodine Value, Wijs	77 – 87	AOCS Cd 1-25
Moisture (%)	0.10 Max	ASTM D-1744
Color, Gardner (1963)	6.0 Max	ASTM D-1544
Flash Point (°C)	315 Min	ASTM D-92
Fire Point (°C)	360 Min	ASTM D-92

STORAGE

- Store in a cool, dry, well-ventilated area, away from heat sources, direct sunlight, and strong acids or strong bases.
- Keep containers tightly closed to prevent contamination.
- Avoid static discharge during transfer by using slow, controlled pumping.

SHELF LIFE

- Two years when stored in original, unopened container under recommended conditions.

PRECAUTIONARY STATEMENT

Polyrheo maintains up-to-date Safety Data Sheets (SDS) on all its products. These sheets contain pertinent information that you may need to protect your employees and customers against any known health or safety hazards associated with our products. Users should review the latest SDS to determine possible health hazards and appropriate precautions to implement prior to using this material.

NOTES

The values indicated in this document may deviate from the test method requirements by the number of significant figures shown. Results may be based on tank certification, manufacturing data, periodic testing and/or most recent product restock. This product, including the product name, shall not be used or tested in any medical application without the prior written acknowledgement of Polyrheo as to the intended use.

For additional technical, sales and order assistance: sales@polyrheo.com