

## Trimethylolpropane Trioleate

The formula of Trimethylolpropane Trioleate (TMPTO) is  $\text{CH}_3\text{CH}_2\text{C}(\text{CH}_2\text{OOC}\text{C}_{17}\text{H}_{33})_3$ , which is obtained by the reaction of Trimethylolpropane with oleic acid through special process. Commercial product is usually colorless or yellow clear liquid.

Product specification:

Item	RJ-1453	RJ-1405	RJ-1435
Appearance	colorless or yellowish clear liquid		
Viscosity (mm <sup>2</sup> /s)			
40℃	42~50	40~50	62-74
100℃	9~10	8~10	12-13
Viscosity index ≥	180	180	180
Acid number(mg KOH/g)≤	1	3	1
Flash point C.O.C.(℃)≥	290	280	290
Pour point(℃)≤	-35	-30	-35
Saponification Value(mgKOH/g)≥	175	175	185
Hydroxyl Value (mgKOH/g) ≤	15	20	15

Note: some physical and chemical properties can be adjusted to client request accordingly.

Packaging: 180 Kg N.W. per drum, or 900KG N.W. per IBC tank.

Storage: Stored in dry and cool places, also well ventilated.

Applications: With excellent lubricating property, high viscosity index, fire resistant and high biodegradability, TMPTO is ideal synthetic ester basic fluid for ISO 46 fire resistant hydraulic oil and ingredients for the formulation of biodegradable hydraulic oil, saw oil, barge engine oil and effective oiliness additive for cold steel rolling, pipe drawing and other metal processing fluids.

TEL: +86-635-6171555

FAX: +86-635-7101880

WEBSITE: [www.sdxfrj.com](http://www.sdxfrj.com)