

Pentaerythritol Oleate

The formula of Pentaerythritol Oleate (PETO) is $C(CH_2OCC_{17}H_{33})_4$, which is obtained by the reaction of Pentaerythritol with oleic acid through special process. Commercial product is usually colorless or yellow clear liquid.

Product specification:

Item	RJ-1454	RJ-1403
Appearance	yellowish clear liquid	
Viscosity (mm ² /s)		
40℃	62~74	55~65
100℃	11.5~13.5	10.5~12.5
Viscosity index ≥	185	180
Acid number(mg KOH/g)≤	1	3
Flash point C.O.C.(℃)≥	290	270
Pour point(℃)≤	-25	-25
Saponification Value(mgKOH/g)≥	180	180

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.

Shelf life: 1 year.

Applications: With excellent lubricating property, high viscosity index, fire resistant and high biodegradability, PETO is ideal synthetic ester basic fluid for ISO 68 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.

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