

TRIMELLITIC ESTER

●Introduction

Trimellitic Ester is a kind of ester produced by trimellitic anhydride, monobasic alcohol and polybasic alcohol. It has high flash point and low volatility, specially suitable for high temperature application. It can be used as base oil in high temperature chain oil, air compressor oil, high and low temperature grease. It can also be used with PAO and mineral base oil, to perform as base oil in various fully synthetic or semi-synthetic lubricant.

●Specifications

Item	KV 40°C (mm ² /s)	KV 100°C (mm ² /s)	Viscosity Index (VI)	Pour Point °C	Flash Point °C	Acid No. mgKOH/g
TM108	48-52	7-9	120	-40	270	0.05
TM118	55-59	7.5-9.5	115	-50	270	0.05
TM119	80.4	9.7	99	-47	275	0.05
TM100	104	10.7	83	-42	275	0.05
TM143	143	13.1	83	-45	280	0.05
TM150	135-165	21-25	180	-35	270	0.1
TM220	198-242	27-33	180	-35	270	0.1
TM306	306	20.2	73	-23	280	0.05
TM320	288-352	34-43	180	-35	270	0.1
TM320B	320	32	140	-35	280	0.05
TM460	414-506	48-55	180	-35	270	0.1
TM680	612-748	64-78	180	-35	270	0.1
TM2000	1800-2200	140-155	180	-35	270	0.1

●Application and recommended treat rate

Application	Treat Rate
High Temperature Chain Oil	98% max
ICE Engine Oil	5~15%
Air Compressor Oil	98% max
High and low temperature grease	10~90%
Industrial Gear Oil	98% max

●Features

Good high temperature cleanliness performance. Good low temperature performance. High thermal oxidant stability. High flash point and low volatility.
Good demulsification performance. It is biodegradable.

●Equivalent Products

Products	CRODA
TM108	Prilube1941
TM143	Prilube1938
TM306	Prilube1939