

POLYESTER

● Introduction

Polyester is a new type synthetic ester lubricant base oil, it has the dual performance of synthetic ester and PAO, and has excellent lubricity performance; used with antiwear and extreme pressure additive, it shows outstanding load carrying ability and EP performance. Ester molecules have certain polarity, so it has a good affinity for metals. It is compatible with PAO and mineral base oil with a special characteristic of low thickening effect. It also has good high temperature high shear (HTHS) performance, so it is widely used ICE oil and gear oil.

● Product Specifications

Item	KV 40°C mm ² /s	KV 100°C mm ² /s	VI	Pour Point °C	Flash Point °C	Acid No. mgKOH/g	Evapora- tion Loss	Density g/cm ³
J115	115	16.5	155	-49	259	0.05	1.0	0.93
J135	350	36.7	152	-39	273	0.05	1.5	0.93
J460	510	50	158	-35	280	0.05	1.5	0.93
J680	670	58	150	-29	280	0.05	1.7	0.93
J1500	1450	115	175	-26	250	0.05	2	0.93
J4600	5100	285	190	-14	250	0.05	2	0.93
J15000	15000	1000	280	-15	257	0.18	2	0.93
J17000	17000	1215	300	-15	257	0.18	2	0.93
J20000	20000	1415	308	-13	257	0.18	2	0.93
J25000	25000	1665	308	-10	250	0.18	2	0.93

● Application and recommended treat rate

Application	Treat Rate
Gear Oil	98% max
Hydraulic Oil	50% max
High Temperature Chain Oil	98% max
Compressor Oil	30% max
Grease	50% max

● Features

Increase oil polarity; Increase oil affinity for metals.
 It has good high temperature high shear (HTHS) performance.
 Increase oil lubricity and Extreme Pressure (EP) performance.
 Can be used as friction improver with good anti-friction performance.
 Used with antiwear and EP additive, it has excellent load carrying ability.
 Outstanding thermal oxidation stability; Increase the oil life; It is biodegradable.

● Package, storage and transportation

Packaged in plastic drum, N.W. 200KGS/drum. Stored and transported as non-dangerous goods, stored in cool, dry and ventilated place.