

DOUBLE ESTER/DIESTER

● Introduction

This product is a kind of dibasic acid ester with high quality, low viscosity and low pour point, it can solely blended with other synthetic material, also can be used with PAO and mineral base oil. It can be used in various and industrial lubricant application, as well as super low temperature 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
DA21	4.0	1.4	120	-60	140	0.05
DA22	7.8	2.4	137	-70	205	0.05
DA31	11.1	3.1	150	-60	220	0.05
DA32	9.5	2.8	149	-65	207	0.05
DA34	12	3.2	137	-60	199	0.05
DA41	14	3.6	144	-57	231	0.05
DA51	27	5.4	142	-57	247	0.05

● Application and recommended treat rate

Application	Treat Rate
Aviation Lubricant	98% max
Air Compressor Oil	98% max
Refrigerated Engine Oil	98% max
ICE Engine Oil	98% max
High/low Temperature Grease	10~90%
Hydraulic Oil	50~90%
Industrial Gear Oil	98%max
Aerosol Lubricant	5~15%

● Features

High thermal oxidant stability. High viscosity index. It is biodegradable.
 Excellent low temperature performance. High flash point and low volatility.
 Good demulsification performance. Good hydrolytic stability.

● Equivalent Products

Products	Chemtura ATCOL	Exxon Mobil
DA32		Esterex A32
DA34		Esterex A34
DA41	ATCOL 2910	Esterex A41
DA51	ATCOL 2901	Esterex A51