

What are the core application areas for different basestocks?

Product	Group I	Group II/II+	Group III	Group III+	Group IV	Naphthenic	Other Group V
Ultralow-/Low-viscosity PCMO	x	++	++	++	+	x	+
Mid- and high-viscosity PCMO	++	+++	+	+	x	x	+
Ultralow-/Low-viscosity HDMO	x	++	++	+	+	x	+
Mid- and high-viscosity HDMO	++	+++	+	+	+	x	+
ATF	x	++	++	+	+	x	+
Automotive gear oil	+++	++	+	+	+	x	+
Industrial engine oils	+++	++	+	x	+	+	+
General industrial oils	++	++	+	+	+	+	+
Metalworking fluids	+++	+	x	x	x	++	+
Process oils	++	++	+	+	x	++	x
Grease	++	+	+	+	+	++	+
MCO	++	+++	+	+	+	x	+
HTF	++	+++	+	+	x	x	x
THF	++	+++	+	+	x	x	x

+ refers to less than 20% share

++ refers to 20% to 50% share

+++ refers to over 50% share

x refers to 0% or very minor share or not an application

Source: Kline's Basestock Intelligence Center