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"Dutch Boy"

ESTERLIN P

A Synthetic Oil
Derived from Linseed—
Fast-bodying and Hard-drying

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"Dutch Boy"

ESTERLIN P

ESTERLIN P is a synthetic oil derived from linseed. ESTERLIN P is a fast drying, fast bodying oil which, in many respects, will prove superior to dehydrated castor, linseed, soybean, and other similar drying oils in paints and varnishes. Varnishes prepared with ESTERLIN P are faster cooking than similar formulations containing linseed oil. Moreover, the resultant varnish films are fast drying, tough, and exceptionally resistant to dilute alkali. Paints containing ESTERLIN P vehicles dry rapidly at normal and even at reduced temperatures, and produce dried films which exhibit excellent abrasion resistance and high tensile strength. Generally speaking, ESTERLIN P may be used to advantage in any formulation where a good drying oil is required.

Advantages of ESTERLIN P

Fast Drying—ESTERLIN P dries considerably faster than a high quality linseed oil. This applies to varnishes containing ESTERLIN P as well as to the oil films.

Fast Bodying—The bodying rate of ESTERLIN P approaches very closely that of dehydrated castor oil.

Low Reactivity—ESTERLIN P shows low reactivity, even with highly reactive pigments such as 100% zinc oxide.

Low Viscosity—ESTERLIN P is produced at G viscosity. This low viscosity permits its use in large percentages in paint vehicles and also in varnishes containing resins which require a long cooking time.

Fast Cooking—Varnishes containing ESTERLIN P require much less cooking time than the ordinary linseed oil formulations.

High Alkali Resistance—ESTERLIN P varnishes produce films which possess exceptionally good moisture and alkali resistance.

Flexibility—Paints and varnishes formulated with ESTERLIN P produce dried films possessing excellent flexibility.

Tensile Strength—When ESTERLIN P is used as the vehicle in paints, dried films of enhanced tensile strength are produced.

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Abrasion Resistance—ESTERLIN P imparts increased abrasion resistance to dried paint films.

Hardness—Harder paint films are produced when ESTERLIN P is used in the formulation.

Gloss—ESTERLIN P produces dried paint films which possess excellent gloss.

PROPERTIES OF ESTERLIN P

Viscosity	G
Color (Gardner 1933)	12
Appearance	Clear
Acid Value	4
Saponification Value	180
Iodine Value	155
Refractive Index	1.485
Pounds per Gallon	7.93
Reactivity	Low

Uses

ESTERLIN P is a superior vehicle which can be used to advantage in both paints and varnishes. In mixed or single pigment paints, ESTERLIN P is faster drying than linseed oil of a similar viscosity at normal, reduced, and elevated temperatures. Moreover, paints containing ESTERLIN P as a vehicle are more resistant to abrasion, are harder, have greater tensile strength, and less yellowing tendency than those made with linseed oil.

In varnish formulation, ESTERLIN P is much faster cooking than linseed oil. The resultant varnish films are fast drying, tough, and exceptionally resistant to dilute alkali. These qualities indicate that ESTERLIN P is particularly adapted to the production of high quality, alkali resistant varnishes.

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