



Doverlube SP-44

Light Colored Sulphur-Phosphorus Additive

Doverlube SP-44 is a light colored, low odor sulphur-phosphorus additive that is free of animal fats and oils.

Doverlube SP-44 has shown excellent stability in various naphthenic oils as well as Group I, II, and III paraffinic oils; also in PAOs and esters.

Doverlube SP-44 can be used as an alternative to chlorinated additives, sulphurised fatty additives, and ZDDP.

Recommended Treat Rates in Formulations:	% Weight
Grinding (Surface, Centerless)	2 – 4
General Machining	3 – 5
Gear Oils	0.5 – 2

Typical Properties

Property	Result
Appearance	Clear Light Yellow Fluid
Color, ASTM D-1500	1.0 max.
Sulphur Content, %	4.4
Phosphorus Content, %	4.3
Copper Strip Test, ASTM D-130	1B
Specific Gravity, 77° F, (25° C)	1.01
Viscosity @ 100° F, SUS	17,000
Viscosity @ 210° F, SUS	320
Acid Value, mgKOH/g	<5
Flash Point, COC, °F	226
4-Bal Wear Test (1% in 150SN) 1800 rpm 130° F 1 hr	0.41 mm
4-Ball EP Weld Test (1% in 150SN) Weld Load	126 Kg

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