

Supplier - DOVER
Doverlube SP-44
Sulphur-Phosphorus Additive
Chlorine Replacement Additives

Typical Properties

Appearance	Clear Light Yellow Fluid
Color(ASTM D-1500)	< 1.0
Sulphur Content,%wt	4.4
Phosphorus Content,%wt	4.3
Copper Strip Test(ASTM D-130)	1b
Specific Gravity@77°F(25°C)	1.010
Viscosity@100°F,SUS	17000
Viscosity@210°F,SUS	320
Acid Value,mgKOH/g	< 5
Flash Point C.O.C.,°F	226
4-Ball Wear Test ⁺ ,mm	0.41
4-Ball EP Weld Test ⁺ ,Weld Load,kg	126

⁺ 1% in SN150

Product Description

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 has FDA-approval for use in lubricants with incidental food contact.

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

Applications

Grinding (Surface, Centerless)
 General Machining
 Gear Oils

Suggested Treat Rates, %wt

2 - 4
 3 - 5
 0.5 - 2

Print date: 29-03-26

Disclaimer: Information provided by this website and product page including specifications, applications and formulations are based on tests and data supplied by Smart Oil companies, manufacturers or any of our collaborated companies or suppliers, which are believed to be correct and reliable at the time of writing and data update. However, Smart Oil companies, manufacturers or any of our collaborated companies or suppliers make no warranty or responsibility, express or implied, of any kind regarding products, performance, formulations or applications, as operation conditions and application environments are beyond our control, or products will be modified by action of manufacturers or due to change in market environments. Users are herewith expressly requested to conduct test to determine the suitability of our products or product information before use. Furthermore, we regret that we cannot be responsible for informing customers any changes in specifications, formulations, or other technical contents on this website and product page. Also, We hereby state that all product trademarks other than Smart Oil, including trademarks from our , suppliers are the trademarks belong to the respective companies, or from their sources.