

Supplier - SMART OIL
Smart Base G5310
Multifunctional Gear Oil Package
Equipment Oil Packages

Typical Properties

Appearance	Clear Yellow Liquid
Specific Gravity@25°C	0.800 - 1.000
Viscosity@40°C, cSt	8 - 15
Sulfur Content, %wt	15 - 19
Acid Value, mgKOH/g	20 - 30
Flash Point C.O.C., °C	> 60
Copper Corrosion+	1B
Saponification Value, mgKOH/g	147
P _B /P _D , kg++	94 / 200

*1% additive in SN150, 3h, 100

**4 Ball Wear Test; 5% additive in SN150, Server Motor Speeds reach 1500rpm (P_B) and 1760rpm (P_D) in 0.03sec.

Product Description

SMART BASE G5310 contains sulfur and phosphorus with EP and antiwear properties. It can be used for blending industrial gear oils with superior performance and high pressure resistance.

SMART BASE G5310 has good anti-corrosive and demulsification properties, so it is not easy to corrode parts of non-ferrous metals.

With the good solubility, **SMART BASE H5310** can be blended with different groups of base stocks.

Applications

General Application

Suggested Treat Rates, %wt

1 - 1.5

Print date: 27-12-25

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.