

Supplier - ARKEMA

VPS 15*Fatty Ester Triglyceride**Vegetable Poly-Sulfides***Typical Properties**

Appearance	Clear Brown Fluid
Color,Gardner	< 6.5
Viscosity@40°C,cSt	550 - 750
Copper Corrosion ⁺	≤ 1b
Sulfur Content(Active),%wt	14.5 - 16.0 (8)
H ₂ S Test,Acetate Paper Color	< 3
Specific Gravity	0.980
Average Weight,lbs/gal	7.9
Flash Point,°C	> 100
Pour Point,°C	≤ -10
P _B / P _D ++	80 / 400
Load Wear Index ⁺⁺	62
4 Ball Wear(IP239,40kg,1h),mm	0.76
Reichert Test(300N Load),mm ²	0.8

⁺ 10%, 3h, 100⁺⁺ 4 Ball EP, ASTM D2783, 5% in Paraffinic Base Oil**Product Description**

VPS 15 is a light brown liquid with very slight odor and no chlorinated impurities. It is a lubricity-enhancing agent for industrial and metal working formulations, which also provides anti-ear and extreme pressure properties. It does not corrode copper alloys.

VPS 15 is recommended for the formulation of metal working fluids especially when working with copper and its alloys. Its EPS properties are enhanced when combined with Arkema Inc.'s **TPS** products (**TPS 20** is particularly recommended).

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