

Technical Data Sheet

Product Name	Epoil GE11	
Description	Medium viscosity, inactive sulphurised extreme pressure additive	
Application	For blending into: Cutting oil for ferrous and yellow metals: typical treatment rate 4-8%. Greases; typical treatment rate 5%.	
Health and safety/ Transport	Not classified under CLP or transport regulations	
Product Handling	After prolonged storage at temperatures below 10 °C, containers should be warmed to between 25° and 40 °C and mixed prior to blending to ensure stearins are fully dispersed.	
Typical Properties	Method	
Relative density @15.6 °C	IP160	0.985 - 1.005
Kinematic viscosity @40 °C	IP71, cSt	200 - 300
Copper corrosion¹	IP154, 3h@100 °C	Class 1 max
Colour²	ASTM D1500	6.5 max
Total sulphur	IP242, %w/w	10.0 - 11.0
Solubility	HB01	Complete
Acid number	ASTM D974, mgKOH.g ⁻¹	9.0 max
Kinematic viscosity@100 °C	IP71, cSt	22
Active sulphur	ASTM D1662, %w/w	1
Load carrying ability ²	IP239	
Weld load	Kg	240
Wear scar	mm, 1h@20Kg	0.45
Packaging	200Kg net drums/1000Kg net IBCs/bulk	
Shelf life	12 months if stored in the dry at less than 40 °C	

Properties in bold are specification tests. Other data is provided as additional information obtained as typical values.

1 Blend of 10% Epoil GE11 in 100SN

2 Blend of 5% Epoil GE11 in 100SN

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