

# AP 8111S

## Calcium Sulphonate (420 TBN)

### Application

**AP 8111S** is a TBN 420 over-based calcium sulphonate derived from synthetic sulphonic acid, with excellent diesel detergency and rust-inhibiting properties. Treat rates depend upon application.

**AP 8111S** is used for blending with high-quality dispersants to make balanced engine oil & marine oil formulations. The treatment level is determined by required soap and TBN requirements.

### Feature

- High temperature detergent
- High temperature stability

### Typical Properties

Property	Unit	Value	Test Method
Kinematic Viscosity at 100 °C	cSt	70	ASTM D445
Density at 15 °C	kg/m <sup>3</sup>	1200	ASTM D4052
Total Base Number	mg KOH/g	420	ASTM D2896
Flash Point	°C	220	ASTM D93
Calcium	Wt. %	15.7	ASTM D4927

### Storage, Handling & Toxicity

It is packed in 208 liter metal drums, in bulk flexitanks or IBC's.  
Store containers in dry clean and well ventilated warehouses where possible