

### Petgear HQ

#### Multifunctional Gear Oil Additive

#### Description

Petagear HQ is a high-quality gear oil additive package. It may be used in a variety of base stocks to formulate industrial and automotive gear lubricants.

#### Application

- To meet the requirements of API GL4, the recommended treat rate is 2%.
- To meet the requirements of API GL5, the recommended treat rate is 4%.
- To meet the requirements of US Steel 224, the recommended treat rate is 1.8%.
- For general purpose gear oils, greases and anti-wear applications, the recommended treat rate is between 1.0% and 1.5%.

#### Typical Properties

Property	Typical	Min.	Max.	Method
Appearance	Clear Brown Liquid	-	-	Visual
Density	1.02	-	-	IP160
Flash Point (°C)	-	110	-	IP34
Viscosity @40°C (cSt)	125	-	-	IP71
Sulphur Content (%m)	-	17	23	IP242
Phosphorus Content (%m)	-	1.8	2.4	IP 245
Copper Corrosion (3.5% in SN100)	Class 1 Max	-	-	IP154
Copper Corrosion (1.5% in VG220)	Class 1	-	-	IP154
Load Carrying (1.5% in VG220) – Weld Load (kg)	260	-	-	IP239
Load Carrying (1.5% in VG220) – Weld Scar (mm, 1hr @20kg)	0.21	-	-	

#### Storage and Handling

Consult the SDS for specific information. Wear protective goggles, face shield and oil resistant gloves.

*The information contained within this publication is based on the present state of our knowledge. Any recommendations or conclusions are made without liability on our part. Values shown are typical and should not be construed as specification limits.*