

Petgear LQ

Gear Oil Additive Package

Description

Petgear LQ is a versatile, extreme-pressure gear oil additive package. It imparts the following properties to the gear oil and greases: anti-wear, anti-corrosion, anti-oxidation, and extreme pressure resistance.

Application

- Use to formulate high performance hypoid gear oils (which can lubricate manual transmission gear boxes, wheel-axle differentials etc).
- Low treat rates of 1.25±0.25% are recommended for general anti-wear protection in gear oils and greases.
- To achieve performance grade API GL4, the recommended treat rate is 2.1%.
- To achieve performance grade API GL5, the recommended treat rate is 4.1%.
- To achieve performance grade API GL2, the recommended treat rate is 1.5%.

Advantages

- High load carrying capacity & long lasting
- Suitable for use with mineral & synthetic base oils
- Also noted for inhibiting yellow rusting
- Suitable for heavy-grade industrial machinery

Typical Properties

Property	Typical	Min.	Max.
Appearance	Clear yellow-brown liquid	-	-
Density @20°C	1.11	-	-
Flash Point (COC, °C)	-	85	-
K.V. @100°C (mm ² /sec)	-	6.0	8.5
Sulphur Content (%m)	35	-	-
Phosphorus Content (%m)	-	1.15	-

Storage and Handling

Wear appropriate PPE - consult the SDS for specific information. It is recommended to verify the solubility in the base stocks intended to be used, and to check compatibility with other additives.

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.