

Energol CS Range

General Purpose Lubricant

Description

Energol CS grades are a range of high quality additive free oils possessing inherently good resistance to oxidation and good demulsification properties.

Application

Energol CS lubricating oils are suitable for a variety of applications such as the lubrication of bearings, spindles and using the heavier viscosity grades, moderately loaded gearboxes. They may also be used in vacuum pumps and hydraulic systems where an 'ISO HH' fluid type is required.

The Energol CS range is fully compatible with nitrile, silicone and fluoropolymer seal materials.

Energol CS is classified as follows: ISO 6743/4 - Type HH.

Main Performance Features

- Highly refined mineral oil makes the product suitable for applications where non-additivated oils can be used.
- Good quality mineral oil enables long service life.

Packaging and Storage

Supplied in bulk and drums of approximately 210 litres.

Where outdoor storage is unavoidable, drums should be covered.

The drums should be stored in such a way as to ensure they are not damaged and grade markings are not obliterated. They should be positioned horizontally so as to prevent water collecting on drum ends.

Ensure drums are tightly re-sealed after use.

Typical Characteristics

	Unit	Test Method	CS 32	CS 46	CS 68	CS 100	CS 150	CS 220	CS 320	CS 460
ISO Grade			32	46	68	100	150	220	320	460
Density @ 15°C	kg/m ³	ASTM D4052	870	880	880	890	890	890	890	890
Viscosity @ 40C	mm ² s ⁻¹	ASTM D445	32	46	68	100	150	220	320	460
Viscosity @ 100°C	mm ² s ⁻¹	ASTM D445	5.3	6.6	8.6	11.1	14.5	18.7	24.0	30.5
Viscosity Index	-	ASTM D2270	102	102	102	97	97	97	96	96
Flash Point, PMCC,	°C	ASTM D93	210	222	220	240	255	264	270	270
Pour Point	°C	ASTM D97	-12	-9	-9	-9	-9	-9	-9	-3

The above figures are typical of those obtained with normal production tolerances, and do not constitute a specification. Note 1 mm² s⁻¹ = 1 cSt.

General Advice

Further information on all BP Marine lubricants is available from any BP Marine office or from:

BP Marine www.bpmarine.com
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