

Castrol Magna

General purpose lubricant

Description

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

Application

Magna 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.

Magna lubricating oils are available in a range of viscosities from 320 cSt for gear lubrication down to 2 cSt for use on fine clearance high speed spindles.

The Magna range is fully compatible with nitrile, silicone and fluropolymer seal materials.

Magna is classified as follows:
ISO 6743/4 - Type HH

Advantages

- 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
- Low pour point provides trouble free operation in cold conditions

Typical Characteristics

Test	Method	Units	2	10	22	32	46	68	100	150	220	320	460
Density @ 15°C	ISO 12185 / ASTM D4052	g/ml	0.82	0.87	0.87	0.87	0.88	0.88	0.89	0.89	0.89	0.89	0.90
K.V. @ 40°C	ISO 3104 / ASTM D445	mm ² /s	2	10	22	32	46	68	100	150	220	320	460
K.V. @ 100°C	ISO 3104 / ASTM D445	mm ² /s	-	2.55	3.9	5.3	6.6	8.6	11.1	14.5	18.7	24	31.2
Viscosity Index	ISO 2909 / ASTM 2270	-	-	-	102	102	102	102	97	97	97	96	96
Pour Point	ISO 3016 / ASTM D97	°C	-39	-33	-18	-12	-18	-18	-18	-18	-15	-9	-3
Flash Point, PMC	ISO 2719 / ASTM D93	°C	85	150	160	210	222	220	240	255	264	270	264

Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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