



Magna™ SW 32

Slideway oil

Description

Castrol Magna™ SW 32 (previously called Castrol Magna™ GC 32) is a specially formulated slideway lubricant to provide all-round performance with good stick-slip and load carrying performance. It combines controlled frictional characteristics with high film- strength and high load carrying properties to eliminate 'stick-slip'.

Application

Magna SW 32 is a light viscosity, combined hydraulic and slideway lubricant. Applications include lightly loaded slideways such as found on small centre lathes and combined hydraulic and slideway systems such as in reciprocating grinding machines.

Advantages

- Good lubricity – prevents stick-slip of slideways.
- High load carrying capacity – prevents wear of highly loaded slideways.
- Good demulsification and cutting fluid compatibility – can be used in the presence of water or water based metalworking fluids.

Typical Characteristics

Name	Method	Units	Typical
Appearance	Visual	-	Clear pale amber oil.
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	32
Pour Point	ASTM D97	°C	-12
Fire Point, COC	ASTM D1310	°C	230
Flash Point, COC	ASTM D92	°C	216
Density @ 20C	ASTM D4052	g/ml	0.877
Flash Point, PMCC	ASTM D93	°C	204

Subject to usual manufacturing tolerances.

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 damage to drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing condition.

This product was previously called Magna GC 32. The name was changed in 2015.

Magna™ SW 32

12 Apr 2018

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, to the extent that it is permissible by law to exclude warranties and representations, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. Refer to the MSDS, available from our website for further information. No responsibility is taken by either Castrol Australia, BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol Australia Pty Limited - ABN 87 008 459 407 – 717 Bourke Street, Docklands Vic 3008
Technical Advice Line: 1300 557 998 Customer Service: 1300 722 088

<http://msdspdscastrol.com>

Page: 2/2