



Lube Control Pty Ltd



Product Data Sheet

## Castrol MAGNATEC 0W-20

CLINGING MOLECULES PROTECT FROM THE START

### Description

Up to 75% of engine wear happens while your engine warms up. When the engine stops oil drains off critical engine parts, however Castrol MAGNATEC's intelligent molecules don't. They cling to the engine like a magnet providing an extra layer of protection.

Castrol MAGNATEC's unique formulation protects from the moment you start, dramatically reducing\* engine wear. Now with ultra-refined molecules, for protection you can see, hear and feel.

Castrol MAGNATEC 0W-20 is also proven to deliver against Castrol's HYSPEC standard. In doing so it is proven to demonstrate at least 25% benefit^ across the three critical hybrid areas of contaminants, engine intermittency and system efficiency.

Castrol MAGNATEC 0W-20. Instant Protection From The Moment You Start.

*\*As tested in the industry Sequence IVA wear test*

*^Compared to performance minimum requirements set in both industry specification and Castrol bespoke testing across tests applicable to hybrid vehicle types, covering contaminants, engine intermittency and system efficiency.*

### Application

Castrol MAGNATEC 0W-20 is suitable for use in automotive petrol engines where the manufacturer recommends an API SP, ILSAC GF-6 or earlier specification 0W-20 lubricant.

### Advantages

Castrol MAGNATEC's Intelligent Molecules:

- Cling to critical engine parts when the oil drains down
- Cling to your engine forming an extra layer that protects during start up and beyond
- Bond to metal surfaces to make engine parts more resistant to wear
- Are combined with synthetic technology to provide increased protection in high and low temperature applications
- Provide continuous protection for all driving conditions, styles and temperatures



Typical Characteristics

| Name                      | Method     | Units      | Castrol Magnatec 0W-20 |
|---------------------------|------------|------------|------------------------|
| Density @ 15C, Relative   | ASTM D4052 | g/ml       | 0.846                  |
| Viscosity, Kinematic 100C | ASTM D445  | mm²/s      | 8.624                  |
| Viscosity, CCS -35C (0W)  | ASTM D5293 | mPa.s (cP) | 6020                   |
| Viscosity, Kinematic 40C  | ASTM D445  | mm²/s      | 46                     |
| Viscosity Index           | ASTM D2270 | None       | 170                    |
| Pour Point                | ASTM D97   | °C         | -45                    |
| Flash Point, PMCC         | ASTM D93   | °C         | 201                    |

Product Performance Claims

API SP  
ILSAC GF-6

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 conditions.

Castrol MAGNATEC 0W-20  
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