



## Castrol MAGNATEC 20W-50

CLINGING MOLECULES PROTECT FROM THE START

### Description

Up to 75% of engine wear happens while your engine warms up. When the engine stops oils drain 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 formulation protects from the moment you start, dramatically reducing\* engine wear, for protection you can see, hear and feel.

Castrol MAGNATEC. Instant Protection From The Moment You Start.

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

### Application

Castrol MAGNATEC 20W-50 is suitable for use in automotive gasoline engines where the manufacturer recommends an API SP or earlier specification 20W-50 lubricant.

### Advantages

Castrol MAGNATEC. Instant Protection From The Moment You Start.

Castrol MAGNATEC's intelligent molecules:

- Continue to cling to critical engine parts when the oil drains down
- Are combined with synthetic technology to provide increased protection in high and low temperature applications

## Typical Characteristics

| Name                      | Method     | Units              | Castrol MAGNATEC 20W-50 |
|---------------------------|------------|--------------------|-------------------------|
| Density @ 15C, Relative   | ASTM D4052 | g/ml               | 0.88                    |
| Viscosity, Kinematic 100C | ASTM D445  | mm <sup>2</sup> /s | 19.0                    |
| Viscosity, CCS -15C (20W) | ASTM D5293 | mPa.s (cP)         | 6400                    |
| Viscosity, Kinematic 40C  | ASTM D445  | mm <sup>2</sup> /s | 160                     |
| Viscosity Index           | ASTM D2270 | None               | 130                     |
| Pour Point                | ASTM D97   | °C                 | -27                     |
| Flash Point, PMCC         | ASTM D93   | °C                 | 239                     |
| Ash, Sulphated            | ASTM D874  | % wt               | 0.72                    |

## Product Performance Claims

API SP

## 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.