



## **Technical Data Sheet**

### **CASTROL GTX MAGNATEC**

#### **DESCRIPTION:**

Castrol GTX Magnatec is a premium performance SAE 10W-40 engine oil which incorporates advanced synthetic technology. Castrol GTX Magnatec is formulated using an exclusive synthetic ester, which has a strong affinity for the metal surfaces of the engine, providing a tenacious oil film. This "Unique Molecular Attraction" establishes complete and continuous protection, which will not drain away, providing superior engine wear protection in areas of high stress during the critical start-up and warm up periods.

#### **APPLICATION:**

Castrol GTX Magnatec has been designed for use in vehicles produced by all major manufacturers from 1970 to date. This includes all naturally aspirated and turbocharged gasoline engines and all naturally aspirated or turbocharged indirect and direct injection passenger vehicle diesel engines. Castrol GTX Magnatec is suitable for use in all vehicles which require API SL/CF or ACEA A3-98 / B3-98 specifications or less.

#### **BENEFITS:**

- Formulated with a high level of "performance reserve"- suitable for specified OEM extended oil drain requirements.
- Low chlorine formulation for environmental responsibility.
- Meet requirements of major vehicle manufacturers.
- High performance synthetic technology engine oil providing superior levels of wear protection.
- Formulated using an exclusive synthetic ester, which clings to engine surface to provide complete and continuous protection, which will not drain away.
- "Unique molecular attraction" protects the engine from the moment you turn the key preventing damaging metal-to-metal contact.
- Provides up to four times more protection than conventional oils during the critical engine start – up and warm-up period.
- Formulated to be fully compatible with all modern vehicle emission control systems.
- Advanced performance additive system provides excellent protection against high temperature deposit formation in both high performance gasoline and diesel engines.
- Full catalyst compatibility.

#### **SPECIFICATIONS AND APPROVALS:**

- API SL/CF
- ACEA A3-98/B3-98
- Mercedes Benz MB 229.1
- Approved VW 500.00 / 501.01 / 505.00

## Page 2 of Data sheet

### Storage & Handling

Lubricants should be stored in a cool dry environment away from direct sunlight and away from strong oxidizing agents (i.e. class 5.1 or 5.2.) Repeated or prolonged contact with lubricants and industrial oils should be avoided to reduce the possibility of skin disorders. A high standard of personal hygiene should be maintained when handling lubricants. Mineral or synthetic oils should not be allowed to enter ground water, watercourses, sewerage or drainage systems. Refer to local waste authority and dispose of lubricant in a responsible manner.

### PACKAGING:

Castrol GTX Magnatec is available in 20x500ml bottles, 5lt container, 210lt drum and bulk.

### TYPICAL CHARACTERISTICS:

Castrol GTX Magnatec	
Product Code No.	11293
SAE Grade	10W-40
Density @ 15 °C kg/l	0.873
Kinematic Viscosity @ 40 °C mm <sup>2</sup> /s	100.0
Kinematic Viscosity @ 100 °C mm <sup>2</sup> /s	14.70
Viscosity Index	150
Total Base Number mgKOH/g	8.00
Pour Point 0 C	-27
Flash Point (COC) ° C	222
Sulphated Ash %wt	1.20

Last Edited: 31/01/2005

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