



Technical Data Sheet

CASTROL TECTION MONOGRADE 10W, 30, 40 & 50

DESCRIPTION:

The Castrol Tecton Monograde 10W, 30, 40 and 50 lubricants are mineral based, monograde diesel engine oils specifically designed to provide effective performance in a number of applications. The Castrol Tecton Monogrades are quality engine oils recommended for turbocharged or naturally aspirated diesel engines, operating under severe conditions where a monograde oil is required.

APPLICATION:

- Castrol Tecton Monograde 10W is recommended for hydraulic systems of civil engineering and construction equipment.
- Castrol Tecton Monograde 30 is recommended for on-highway trucks, off-road construction and civil engineering equipment, light commercial diesel engines.
- Castrol Tecton Monograde 40 is recommended for on-highway trucks, off-road construction, civil engineering and mining equipment, commercial vehicle diesel engines.
- Castrol Tecton Monograde 50 is recommended for use in Fuller synchromesh gearboxes in commercial vehicles.

FEATURES/BENEFITS:

- Reduce operating and maintenance costs.
- Formulated with carefully selected additives.
- Reduces oil consumption.
- Added dispersancy / detergency preventing ring sticking and breakages.
- Excellent thermal stability.
- Greater engine performance by controlling oil thickening in service.
- Protects against oxidation and rust.
- Increased wear resistance on moving parts provided by selected anti-wear additives.
- Excellent protection against the formation and combination of deposits, rust and corrosion.

SPECIFICATIONS:

- SAE 10, 30, 40 & 50
- API CF
- ACEA E1 (30, 40 & 50 only)
- MB-Approval 228.0

TYPICAL CHARACTERISTICS:

| Castrol Tecton Monograde | 10W | 30 | 40 | 50 |
|-----------------------------------|------------|-----------|-----------|-----------|
| Product Code | 14531 | 14533 | 14534 | 14535 |
| Density at 20°C (kg/l) | 0.873 | 0.891 | 0.895 | 0.901 |
| Viscosity at 40°C (cSt) | 31.61 | 106.7 | 146.9 | 214.8 |
| Viscosity at 100°C (cSt) | 5.49 | 11.87 | 14.60 | 18.79 |
| Viscosity Index | 110 | 100 | 98 | 98 |
| Flash Point (COC) (°C) | 220 | 232 | 244 | 254 |
| Pour Point (°C) | -21 | -21 | -18 | -12 |
| Total Base Number (TBN) (mgKOH/g) | 8.6 | 8.6 | 8.6 | 8.6 |
| Sulphated Ash (% m/m) | 0.492 | 0.492 | 0.492 | 0.492 |

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