

Product data

TXT Softec LL01 Product Description

Castrol TXT Softec LL01 is an advanced synthetic SAE 5W-30 high performance motor oil. It combines outstanding low temperature fluidity and high load protection.

Castrol TXT Softec LL01 has been specifically formulated to meet the latest requirements of European OEMs for passenger car and light commercial petrol and diesel engines, including BMWs Longlife Oil specification.

Castrol TXT Softec LL01 offers excellent cold start-up wear protection while maintaining excellent high temperature wear protection. It has been developed to provide enhanced fuel efficiency and good oil consumption control in modern petrol engines designed to operate on low viscosity oils.

Product Application

Castrol TXT Softec LL01 is recommended for virtually all modern, technically advanced, petrol and diesel passenger car or light commercial engines. Specially suited where lower viscosity oil is recommended. Castrol's controlled phosphorus and low chlorine additive technology helps maintain catalyst performance and reduce long-term impact on the environment. **Castrol TXT Softec LL01** suits modern engines from Europe, USA, Japan or Korea, both turbo-charged or naturally aspirated. **Castrol TXT Softec LL01** replaces Castrol TXT Softec Plus for all BMW Longlife Oil applications.

Product Features & Benefits

Features

- 5W-30 viscosity range.

Benefits

- Provides excellent start-up performance and engine efficiency, particularly for vehicles used in city and suburban driving conditions. Excellent wear protection maintained at high temperatures.

Features

- Meets the published specification requirements of Australian, European and Japanese motor manufacturers.
- Complies with Australian motor industry agreed limits on phosphorus content.
- Excellent thermal and oxidation stability.
- Low volatility.
- Reserve of protection.
- Excellent engine cleanliness.
- Compatible with normal mineral oils.

Benefits

- Can be used in both current and superseded petrol engines and diesel engines in cars and light commercial vehicles.
- Catalyst and oxygen sensor compatible. Engine emissions are minimized and catalyst performance maintained.
- Maintains excellent cleanliness in turbochargers and minimum engine deposits.
- Helps reduce oil consumption and engine deposits at high temperature.
- Ensures excellent engine cleanliness and wear protection for vehicles in city and suburban operation.
- Maintains new engine performance and improves long term durability.
- May be topped up or mixed with normal mineral oils.
Note: Use of conventional oils for top up will reduce the performance of **Castrol TXT Softec LL01**.

Features

- Excellent compatibility with a wide range of seal materials.
- Low temperature flow characteristics.
- Meets the latest European diesel passenger car and light commercial engine requirements; naturally aspirated or turbocharged, indirect or direct injection.
- Excellent diesel performance and low temperature fluidity.

Benefits

- Ensures the important engine seals stay soft and pliable to minimize oil leakage.
- Circulates rapidly within the engine to minimize cold start-up wear and sludge deposits. Improves cold temperature engine efficiency over conventional SAE 15W-40 and 20W-50 mineral oils.
- Excellent soot thickening control and suitable for virtually all diesel passenger car, light commercial and 4WD vehicles sold in Australia.
- Suitable for the latest 4WD and light commercial diesel engines fitted with "HEUI" fuel injection systems.

Market Applications

Castrol TXT Softec LL01 is recommended for the following 4-stroke petrol engines:

BMW:

All models calling for an engine oil meeting the Long Life Oil specification.

Ford:

Falcon AU, specifically XR6 and XR8 models.
Mondeo HA, HB, HC (2.0L).

Market Applications (continued)

Ford (continued):	Taurus DN, DP (3.0L). Festiva WB, WF. Transit (Petrol) VF, VG. Explorer UN, UP (OHV & SOHC).
Daewoo:	All models.
Mercedes-Benz:	All models.
Nissan:	Pulsar, Pintara 1991 onwards, Micra.
Chrysler Jeep:	Wrangler. Cherokee (petrol only). Grand Cherokee. Voyager. Grand Voyager.
Holden:	Suburban, Jackaroo Diesel.
Suzuki:	Swift GTI.
Rover:	TD5 engines in Discovery and Defender.

Typical Characteristics

SAE Viscosity Grade	KV @ 100°C (cSt)	KV @ 40°C (cSt)	cP @ -30°C	Viscosity Index	Pour Point °C	API/ACEA Service Rating
5W-30	12.1	70.00	6500	170	-36	SJ/CF A3/B3/B4

Performance Levels

Castrol TXT Softec LL01 is recommended where the following current and superseded specification or performance levels are cited:

American Petroleum Institute (API) Service Classification:

Petrol:	SJ (SH and all superseded classifications).
Diesel:	CF (recommended for diesel engines, including turbocharged engines in passenger cars and light commercial vehicles).

European ACEA:

Passenger and Light Commercial Vehicles –

Petrol:	A3*
Diesel:	B3*, B4*

** May also be used where ACEA A1, A2, B1 or B2 are recommended.*

Motor Manufacturers:

BMW:	Longlife Oil
Ford:	M2C-153D, M2C-153E
GM:	6094M SG/CC/CD (6085-superseded)
Mercedes-Benz:	229.1
Porsche:	Approved
Rover:	RES 22 OL, G4, PD2
VW:	502 0/505 00

Health, Safety & Environment

Castrol TXT Softec LL01 is considered non-hazardous according to Worksafe. However, in line with safe handling practices, it is recommended that the handling instructions outlined in the Castrol Material Safety Data Sheet be followed.

Spillage

- Small:** Soak up using an inert mineral absorbent such as Castrol Diatomaceous Earth and dispose of in the appropriate manner.
- Large:** Corrective action usually dictated by individual company safety procedures. Immediate containment and subsequent removal is essential.
- Disposal:** Oily materials must not be allowed to enter groundwater, watercourses, sewerage or drainage systems. Refer to local Waste Disposal Authority for legal requirements.

Product Removal

- Bare Metal Surfaces:** Remove with Castrol solvent cleaners or water based degreasers.
- Hand Cleaning:** Use any of the Castrol range of hand cleaners, e.g. CareClean Plus.
- Other Surfaces:** Contact your local Special Products Division in each State Office.

Although all reasonable care has been taken to ensure that the information contained in this publication is accurate as at the time of printing, such information is nevertheless liable to variation in the event of changes occurring subsequent to the date of printing it: the blend formulation, methods of storage, or due to the improper handling or application of any of the products referred to, or in the requirements of any specification or approval relating to any of the products.

For more information contact: Castrol Australia Pty Limited (ABN 87 008 459 407)

Technical Advice Line: 1800 002 285

www.castrol.com.au

Sydney: (02) 9795 4800 Fax: (02) 9795 4815
Melbourne: (03) 9268 4200 Fax: (03) 9268 3915
Brisbane: (07) 3850 9300 Fax: (07) 3850 9399
Adelaide: (08) 8347 6200 Fax: (08) 8449 1800
Perth: (08) 9268 9288 Fax: (08) 9268 9235

