

Product data

Syntrax 75W/90

Description

CASTROL SYNTRAX 75W/90 is a full synthetic, wide viscosity span, automotive gear oil. It is particularly suited to transaxles incorporating hypoid gears. The formulation used in **CASTROL SYNTRAX 75W/90** was originally developed for the Jaguar sports cars at Le Mans.

Features and Benefits

- ◆ **CASTROL SYNTRAX 75W/90** may be used in a broad range of temperatures with the potential for improved unit operation and durability.
- ◆ A special formulation to help reduce transmission operating temperatures in competition and severe duty applications.
- ◆ Outstanding "Extreme Pressure" gear oil synchroniser performance.
- ◆ Improved cold start lubrication without sacrificing high temperature performance.
- ◆ Proven competition performance, Toyota Rally, 2 litre Super Tourer to Formula 1.
- ◆ **CASTROL SYNTRAX 75W/90** is compatible with mineral oil products. However any dilution of the product with mineral oil will reduce its performance.
- ◆ Excellent low temperature properties to ensure that bearings, gears and seals receive proper lubrication at temperatures as low as -40°C . **CASTROL SYNTRAX 75W/90** has exceptional fluidity at low temperatures.
- ◆ May be used throughout the entire temperature range normally specified for SAE 75W/80, SAE 80W/90 and SAE 90.
- ◆ Desert heat and winter cold may require transmission and differential oils to be changed seasonally. **CASTROL SYNTRAX 75W/90** overcomes these requirements.
- ◆ Meets service requirements SAE 75W/90, US MIL-L-2105C and API Service GL5.
- ◆ **Not recommended for limited slip differentials.**
- ◆ Stay-in-grade performance.
- ◆ Superior thermal and oxidation stability.
- ◆ The wide viscosity range of **CASTROL SYNTRAX 75W/90** gear oil allows it to meet the operational requirements of manual gear boxes at low temperatures without the noise problem that may be encountered with viscosity grades such as SAE 75W or 90 gear lubricants at stabilised temperatures.
- ◆ Longer drain periods possible due to the product's synthetic nature.

Application

- ◆ Manual transaxles, manual transmissions where API GL4 or 5 is recommended, e.g. Subaru, Porsche, Alfa Romeo, Toyota Celica 4WD.
- ◆ Car and light commercial differential for competition applications and reduced viscous drag.
- ◆ Most competition transmissions and transaxles, NOT recommended for 6 speed Holinger transmission in V8 Super-Car. Suitable for 2 litre Super Tourer applications.
- ◆ Jaguar XJ 220 transaxle, uses "XH21" formulation.
- ◆ Formula Ford + VEE transaxles.

Typical Characteristics

Kinematic Viscosity @ 40°C, cSt	Viscosity @ 100°C, cSt	Viscosity Index	Brookfield Viscosity @ -40°C, cP	Density @ 15°C	Pour Point °C	Colour
93	14.5	161	53,000	0.88	-51	Red

Performance Specifications

SAE	75W/90
US MILITARY	MIL-L-2105C
API	GL5
SYNTHETIC TYPE	Polyalphaolefin, ester

Health, Safety and Environment

CASTROL SYNTRAX 75W/90 is considered non-hazardous according to Worksafe criteria. However, in line with safe handling practices, it is recommended that the handling instruction 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 ground water, water courses, 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, eg., CareClean Plus.
Other Surfaces:	Contact your Local Special Products Division in each State Office.

For more information contact: Castrol Australia Pty Ltd

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