

PRODUCT DATA

SAF-XA 80W-140

PRODUCT DESCRIPTION

Castrol SAF-XA is a full synthetic SAE 80W-140 GL-5 limited slip differential oil. It has excellent oxidation stability and high temperature deposit control while retaining wear protection performance. The formulation incorporates the preferred limited slip additive, Sturaco 7098, for Ford and Holden limited slip differentials at the maximum recommended treat.

PRODUCT APPLICATION

Castrol SAF-XA is primarily intended for use in rear axles for Ford Falcon and Holden Commodore high performance models. It contains the preferred limited slip additive and at the maximum concentration recommended by additive suppliers.

Castrol SAF-XA is suitable for the following applications.

- Both limited slip and non-limited slip hypoid axles.
- For vehicles towing caravans or heavy trailers.
- Covers rear axle viscosity range from SAE 80W to SAE 140.

PRODUCT FEATURES & BENEFITS

Product Feature	Operational Advantage	Customer Benefit
Improved oxidation stability.	Longer oil service life.	Lower ownership costs.
Improved deposit control at high temperatures.	Cleaner axle internals.	Improved axle durability in severe applications.
Contains preferred limited slip additive.	Good LSD noise control.	Quiet LSD axle.
Limited slip additive at maximum treat.	No additional additive required when axle filled.	Less cost, easier servicing in the field.
Excellent wear control.	Long component life.	Long equipment life.
Proven components used in formulation to ensure seal compatibility.	Good seal compatibility.	Cleaner components, longer seal life.
Shear stable formulation.	Stable viscosity in service.	Long term bearing protection.

TYPICAL CHARACTERISTICS

SAE Grade	KV @ 40°C (cSt)	KV @ 100°C (cSt)	Brookfield @ -26°C (cP)	Viscosity Index	Pour Point (°C)	Closed Flash Point (°C)	API GL Rating
80W-140	260	29.25	60,000	150	<-40	>200	5 (6 OBS)

The above data is typical and does not constitute a specification.

PERFORMANCE LEVELS

Castrol SAF-XA is recommended where these current or superseded specifications or performance levels are cited:

API:	API GL-5, 6
SAE	80W-90, 85W-90, 90, 80W-140, 85W-140 and 140
MIL	MIL-PRF-2105E, MIL-L-2105D
SAE:	J2360
Spicer:	5M-48
Holden:	HN2040, 1561
Ford:	M2C-119A, M2C-104

CAUTION

Using **Castrol SAF-XA** in synchronised manual transmissions may result in loss of synchroniser performance. Contact the Castrol Technical Advice Line on 1300 557 998 for an alternative recommendation for such applications.

Castrol SAF-XA is **NOT** compatible with glycol based gear oils.

Castrol SAF-XA contains the maximum recommended treat of Sturaco 7098 for limited slip differential performance. **No** further Sturaco 7098 should be added.

Change Over Procedure

Drain and change from mineral gear oils to **Castrol SAF-XA**.

As **Castrol SAF-XA** is compatible with normal mineral gear oils, extensive flushing is not usually required. For optimum performance of **Castrol SAF-XA**, the following advice is offered. Where differential has been subjected to high operating temperatures the system should be flushed with clean gear oil. Either mineral (Castrol LSX 90, GO-J90 or LSX 85W-140) or preferably **Castrol SAF-XA**.

Draining the old oil while still warm, then refilling with fresh gear oil and then working the vehicle for at least one to two hours achieves the most effective flushing. Then drain and refill with **Castrol SAF-XA** making sure the differential is refilled to the correct level.

NOTE: Although **Castrol SAF-XA** is compatible with mineral oils, topping up with mineral oils will **reduce** some of the performance advantages and protection of **Castrol SAF-XA**.



HEALTH, SAFETY & ENVIRONMENT

Castrol SAF-XA 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 adsorbent such as Castrol MOP S 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 the Castrol Technical Advice Line on 1300 557 998.

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 Lubricants (A Business Division of BP Australia Pty Limited - ABN 53 004 085 616)
 Technical Advice Line: 1300 557 998
 Customer Service: 1300 554 890

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) 8304 2200	Fax: (08) 8304 2294
Perth:	(08) 9268 9288	Fax: (08) 9268 9235

SAF-XA 80W-140_463686_2011_09.doc
 Replaces B769/04

