



SAF-XJ

Full synthetic final drive lubricant

Applications

Castrol SAF-XJ is a fully synthetic SAE 75W-140 hypoid gear oil formulated for use in both conventional and limited slip differentials.

Whilst being suitable for all applications where a lubricant of this quality is specified it is specially formulated for use in limited slip differentials fitted to Japanese vehicles requiring an SAE 75W-140 Extreme Pressure Gear Oil. Castrol SAF-XJ has additionally demonstrated outstanding performance in competition vehicles employing limited slip differentials.

Castrol SAF-XJ is also specifically designed for BMW differentials including the Z3 limited slip differential.

Features / Benefits

- Excellent shear stability.
 - Exceptional resistance to oxidation.
 - Particularly effective resistance to very strong loads.
 - Very good low temperature fluidity properties.
 - Affords increased drain intervals.
 - Helps prevent vibrations / noise occurring in the transmission.
-

Specifications / Performance

API GL-5

ZF TE-ML- 05D, 12D, 16G

US claims - MIL-L-2105D

BMW Approved (for limited slip)

Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

Health, Safety and Environment

Health, safety and environmental information is provided for this product in the Materials Safety Data Sheet. This gives details of potential hazards, precautions and First Aid measures, together with environmental effects and disposal of used products.

Castrol (UK) Ltd. or its subsidiaries will not accept liability if the product is used other than in the manner or

with the precautions or for the purpose/s specified. Before the product is used other than as directed, advice should be obtained from the local Castrol office.

Typical Characteristics

Test Methods	Units	Value:
--------------	-------	--------

SAE 75W-140

Density @ 15°C	ISO 3675 / ASTM D1298	Kg/m ³	860
Viscosity @ 40°C	ISO 3104 / ASTM D445	mm ² /s	177
Viscosity @ 100°C	ISO 3104 / ASTM D445	mm ² /s	25
Viscosity Index	ISO 2909 / ASTM D2270	-	174
Flash Point (COC)	ISO 2592 / ASTM D93	°C	220
Pour Point	ISO 3016 / ASTM D97	°C	-54

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

This Data sheet and information it contains is considered to be accurate at the date of printing. No warranty or representation, expressed or implied, is made as to the accuracy or completeness of the data and information contained in this publication. It is the User's obligation to evaluate and use products safely and within the scope advised in the data sheet and to comply with all applicable laws and regulations. No statement made in this publication shall be construed as a permission, recommendation or authorisation given or implied to practice any patented invention without a valid licence.

The Seller shall not be responsible for any loss or damage resulting from any hazards or risks identified in the data sheet and which are associated with petroleum products concerned (provided that this disclaimer shall not affect any statutory rights of the Buyer of the petroleum products concerned).

Castrol (UK) Ltd
 Wakefield House Lubricants Helpline: 01793 452222
 Pipers Way Orders/Enquiries: 08459 123011
 Swindon
 Wiltshire
 SN3 1RE

Date Created: 31/01/2003 09:41:33 Last Modified:04/10/2005