



Lubricants Report



Product Data Sheet from Shell Lubricants

PDS# 128.10

PRODUCT LINE

Spirax S 75W-90 is a premium, 100% synthetic, extreme pressure gear lubricant. It is formulated for customers who wish to take advantage of the extended warranty programs offered by original equipment manufacturers. **Spirax S 75W-90** is fully qualified for Eaton-Fuller and Meritor (formerly Rockwell) extended warranty programs.



SPIRAX* S 75W-90

**100% SYNTHETIC HEAVY DUTY
AUTOMOTIVE GEAR OIL**

APPLICATIONS

Spirax S 75W-90 is recommended for severe service in differentials, heavy duty axles, transfer cases and manual transmissions of trucks, farm equipment, automobiles, and heavy construction equipment. **Spirax S 75W-90** is fully approved for Eaton – Fuller’s extended drain warranty programs as follows:

- PS-037 250,000 miles extended drain for axles (E 250)
- PS-163 500,000 mile extended drain for axles (E 500)
- PS-109 (Obsolete)

It is also approved for Meritor (formerly Rockwell) O-76-E and O-76-N extended drain warranty programs.

PERFORMANCE BENEFITS

- **Extended Drain Capability** - With **Spirax S 75W-90** fully synthetic lubricant, Eaton/Fuller and Meritor (Rockwell) extended oil drains are three times the normal oil drain interval.
- **Outstanding Low Temperature Flow** - **Spirax S 75W-90** is formulated to flow readily even at sub-zero temperatures to protect gears and bearings from wear, as well as providing easy low temperature shifting. Outstanding Winter Fuel Economy - The exceptional properties of **Spirax S 75W-90** provide fuel savings by reducing the drag and friction normally encountered in winter operation with mineral oil based lubricants.
- **All-Season Operation** - **Spirax S 75W-90** is formulated with specially selected synthetic basestocks enabling it to provide maximum protection over a wide range of temperatures.
- **Excellent Wear Protection** - **Spirax S 75W-90** contains a high performance extreme pressure additive to provide outstanding protection and lubrication of gear teeth, bushings and other severely loaded bearings found in axles and manual transmissions.

APPROVALS

Spirax S 75W-90 exceeds the following builders’ specifications and requirements:

- API GL-5, MT-1
- Eaton Corporation PS-037, PS-163
- Dana Corporation, Axle Division
- MIL-PRF-2105E
- Meritor (formerly Rockwell International) O-76-E, O-76-N
- Mack Truck GO-J Plus
- MIL-L-2105D

TYPICAL PROPERTIES

CHARACTERISTICS	Spirax S 75W-90	
PRODUCT CODE	437-013	ASTM METHOD
Density at 15°C - Kg/m ³	909.7	D 1298
Pour Point °C	-45	D 97
Viscosity Kinematic - cSt @ 40 °C - cSt @ 100 °C	122 16.6	D 445 D 445
Channel Point @ -51°C	Pass	
Viscosity Index	147	D 2270
Copper Strip Corrosion Test @ 100 °C for 3 hrs.	Pass	D 130
Foam Sequence I Sequence II Sequence III	Pass Pass Pass	D 892 D 892 D 892

[Visit](#) your nearest Shell Associate or 90 Reseller for more details.

Need more product information? Please the [Shell Helps Centre Technical Desk](#) at 1-800-661-1600 or e-mail us at questions@shell.com

MSDS requests? Please call 1(403)691-2615 or fax your request to 1(403)691-3321.

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