DYNADRIVE 80W-90
Part synthetic automotive gear lubricant

DESCRIPTION

Castrol Dynadrive is a part-synthetic SAE 80W-90 gear oil specifically developed to meet all the gear oil requirements for both manual transmissions and final drives.

APPLICATIONS

By virtue of the unique additive system employed, Castrol Dynadrive meets all of the API GL-4 and 5 performance levels, which means that one product has the extreme pressure capability demanded by hypoid final-drive gears, but which is equally suitable for the lubrication of synchromesh manual transmissions.

The excellent viscosity/temperature characteristics of Dynadrive overcome gear change baulking at low temperatures whilst the outstanding thermal stability of the semi-synthetic base oil minimises deposit formation and allows oil drain intervals to be extended when appropriate.

FEATURES/BENEFITS

- High oxidative stability permits better component cleanliness and longer oil life permitting extended servicing.
- Excellent viscosity/temperature characteristics.
- Synthetic base oil giving enhanced lubricant durability.
- Excellent shear stability ensures high performance throughout the lubricants life.

- Reduced gear change baulking at low temperatures.
- Excellent transmission cleanliness.
- Reduced wear.
- Extended drain.
- Excellent transmission performance.

APPROVALS STATUS

- API GL-4 / 5 and MT-1.
- MAN 3343 Type M.

- Scania STO 1:0.
- ZF TE-ML 02B, 05A, 12E, 16C, 17B, 19B, 21A.

CARE AND HANDLING

Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.

PACKAGING AND 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.

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TECHNICAL DATA

TYPICAL CHARACTERISTICS	UNIT	TEST METHOD	VALUE
Dynadrive			80W-90
SAE Grade			80W-90
Relative Density @ 15°C	kg/m³	ISO 3675 / ASTM D1298	902
Viscosity @ 40°C	cSt	ISO 3104 / ASTM D445	168
Viscosity @ 100°C	cSt	ISO 3104 / ASTM D445	17.0
Viscosity Index	-	ISO 2909 / ASTM D2270	110
Brookfield Viscosity @ -26°C	mPa	ASTM D2983	<150,000
Flash Point (PMCC)	°C	ASTM D93	143
Pour Point (PMCC)	°C	ISO 3016 / ASTM D97	-30

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

GENERAL ADVICE

Further information on all Castrol Marine lubricants is available from any Castrol Marine office or from:

Castrol Marine
Technology Centre
Whitchurch Hill
Pangbourne
Reading RG8 7QR
United Kingdom

www.castrolmarine.com

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