



Energear HT

Complete Driveline Gear Oils

Applications

Energear HT grades are high performance lubricants, designed as complete driveline lubricants for use in all types of automotive gear boxes, axles and final drives, including hypoid axles and synchronized manual transmissions.

Energear HT 80W-90 are suitable for commercial vehicles, passenger cars, agricultural and construction equipment.

Main Benefits

Energear HT grades are formulated with hydrocracked base oils and a versatile additive package which allow fuel savings of up to 1 %, compared to conventional gear oils.

- Complete driveline application, allowing rationalisation of lubrication stocks and minimising risk of misapplication
- Excellent wear protection under the most severe load conditions
- Superior synchromesh compatibility

Low temperature fluidity ensuring adequate supply of lubricant to critical components in cold start up conditions, allowing extended equipment life

- Improved thermal stability compared to conventional gear oils
- Inhibition of corrosion and foam
- Extended drain intervals allowing lower maintenance costs

Specifications

Energear HT 80W-90:

- API GL-1, 2, 3, 4 and 5
 - ZF TE-ML 02B, 05A, 07A, 12E, 16B, 17B
 - MAN 3343 ML
 - Scania STO 1:0
 - MT-1
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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

The British Petroleum Company p.l.c. 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

products.

should be obtained from the local BP office.

Typical Characteristics

	Test Methods	Units	Grade :
Density at 15° C	ISO 3675 ASTM D 1298	kg/m ³	80W-90 902
Kinematic Viscosity at 40 °C	ISO 3105	mm ² /s	130
100 °C	ASTM D 445	mm ² /s	14.4
Viscosity Index	ISO 2909 ASTM D 2270		110
Brookfield Viscosity at -26 °C	ASTM D 2983	mPa.s	70,000
Pour Point	ISO 3016	° C	-39
Flash Point (COC)	ISO 2592 ASTM D 92	° C	214
Phosphorus	ICP	% wt	0.146

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

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