



TRANSMISSION EP

GEARBOXES AND TRANSMISSIONS

■ Description

High quality extreme pressure transmission oil which formulated for axles and gear boxes requiring API GL-5 performance. It is formulated with very refined mineral base oils and a selected sulphur-phosphorus additive system to provide excellent protection to heavy loaded equipment and vehicles operating at severe condition. It is suitable for heavy duty hypoid axles, manual transmissions, differentials and steering mechanisms requiring API GL-5.

■ Properties

- High performance EP additives to provide excellent load carrying ability.
- Excellent thermal and oxidation stability to reduce high temperature oil degradation and oil thickening.
- Good anti-wear properties to help to prolong transmission life.
- Its anti-foam properties prevent the formation of foam and facilitates good lubrication.

■ Quality levels

- API GL-5

■ Technical characteristics

	UNIT	METHOD	VALUE	VALUE
SAE Grade			90	85W140
Density @ 15°C	g/cm ³	ASTM D 4052	0.901	0.906
Viscosity @ 100°C	cSt	ASTM D 445	17.2	26.3
Viscosity @ 40°C	cSt	ASTM D 445	190.0	342.0
Viscosity index	-	ASTM D 2270	97	101
Flash point, open cup	°C	ASTM D 92	210 min	220 min
Pour point	°C	ASTM D 97	-6 max	-15 max
Viscosity @ -12°C	cP	ASTM D 2983	-	150000 max

■ Hazard identification

This product is not classified as toxic or hazardous under current legislation.

■ Handling

Minimum precautions should be taken to avoid prolonged contact with the skin. The use of gloves, visors or glasses is recommended to avoid splashes.

■ Health and Safety Hazards

Inhalation: Given that it is not a particularly volatile product, the risk of inhalation is minimal.

Ingestion: Do not induce vomiting. Provide water. Seek medical advice.

Contact with the skin: Wash with plenty of water and soap.

Eyes: Wash thoroughly with water.

General measures: Seek medical advice.

■ Fire-fighting measures

No special measures required.

Fire-extinguishing measures: Foams, dry chemicals, CO₂, water spray. Do not apply the jet of water directly as this could cause the product to disperse.

■ Environmental precautions

Danger of physical pollution if spilt (water, coastlines, soil, etc.) due to its floatability and oily consistency that may harm flora and fauna on contact. Avoid material getting into water outlets.

Decontamination and cleaning: Treat like an accidental oil spill. Prevent dispersion using mechanical barriers and remove by physical or chemical means.

A safety information file is available on request.

This PDS is available at www.repsoloil.com.my.

For more information about Repsol please visit www.repsol.com

Unless otherwise indicated, the figures cited in technical characteristics should be considered typical.