

# TECHNICAL DATA

## MOLYGEAR 85W140

### *Automotive gear oil (SAE 85W140)*

#### Description

**Molygear 85W140** is a long life thermally stable automotive transmission and rear axle lubricant made from a highly solvent refined mineral oil.

**Molygear 85W140** contains molybdenum disulphide which provides excellent anti-wear protection and meets the requirements of: API GL4, GL5, GL6; MACK GOG, GOH; MIL-L-2105D specifications.

#### Areas of application

- Manual transmissions
- Differentials in passenger cars
- Farm tractors
- Trucks
- Earthmoving vehicles
- Limited slip differentials

#### Features

- Increases component life
- Reduces operating temperatures
- Extends oil change intervals

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The information contained in this Technical Bulletin is as up to date and correct as possible as at the time of issue. The data provided should be used as a guide only as the performance of the product will vary depending on differing operating conditions and application methods.

The sale of any product described in this Technical Bulletin will be in accordance with ITW Polymers & Fluids Conditions Of Sale, a copy of which is available on request. To the extent permitted by law, ITW Polymers & Fluids excludes all other warranties in relation to this product.

## Technical data

	Test Method
Appearance .....	Black liquid
ISO Viscosity Grade .....	460
SAE Viscosity Grade .....	85W140
Viscosity Index .....	96
Lubricating Solids .....	Molybdenum Disulphide
Viscosity at 40 °C (cst) .....	4 60
Viscosity at 100 °C (cst) .....	30
'4 Ball'	
Weld Load (kg) .....	800
Wear Scar (mm) .....	0.4
Pour Point °C .....	-9
Flash Point COC °C .....	199
	ASTM D2270
	ASTM D445
	ASTM D445
	ASTM D2596 (IP239)
	ASTM D4172
	ASTM D-92

## Directions for use

This product is applied as any conventional gear oil. **Molybond Molygear 85W140** is compatible with mineral oils.

## Storage and Shelf Life

Store in dry conditions between 0°C and 50°C, away from sources of heat and naked flames. When stored in original sealed containers, the minimum shelf life is four (4) years.

## Packaging

**Molygear 85W140** is available in 20 Lt and 205 Lt drums.

## Ordering Information:

20 Lt drum	#RB210689
205 Lt drum	#RB210696

## Health & Safety Information

The product is non-hazardous. A Material Safety Data Sheet is available from the ITW Polymers & Fluids Technical Department upon request or available on our website [www.molybond.com.au](http://www.molybond.com.au).

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