

## PETRONAS AKROS AXELGEAR 80W-90

### Description

Transmission oil for use on tractors, agricultural equipments and earth moving machinery. Suitable for use in traditional gearboxes, Power Shift and Shuttle Shift gearboxes, rear transmissions with wet brakes, side final drives, wheel final drives, differentials, hydraulic hoists, drive pulley, mechanical and hydrostatic drives and power steering units.

### Characteristics

- Excellent anti-wear properties even in the most demanding and low RPM operating conditions.
- Excellent anti-stick slip features in order to allow top braking efficiency.
- High viscosity index to optimize servo control response at any operating temperature.
- High lubricant thermal stability in order to maintain a high and constant pressure in the lubricating circuit.
- Improved fluidity at low temperatures to reduce power absorption and improve hydraulic circuit performance.

### Applications

- Extreme pressure transmission oil with limited slip additive, specific for axles of construction equipment machines with wet brakes and limited slip differentials.

### Specifications

- SAE 80W-90
- API GL 5
- GTG LLP-007
- ZF TE-ML 05C
- ZF TE-ML 07A
- MIL-L-2105 D

### Test Description

TEST DESCRIPTION	METHOD	UNIT	TYPICAL VALUE
APPEARANCE	—	—	B & C
SPECIFIC GRAVITY @ 15°C	ASTM D 1298	—	0.903
VISCOSITY @ -26°C	ASTM D 2983	cPs	99000
VISCOSITY @ -12°C	ASTM D 2983	cPs	20000
VISCOSITY @ 100°C	ASTM D 445	cSt	18
VISCOSITY INDEX	ASTM D 2270	—	99
FLASH POINT C.P.M.	ASTM D 93	°C	196
POUR POINT	ASTM D 97	°C	-27
FOAM @ 24°C	ASTM D 892	cc/s	TRACES/0



## Customer Advice

This product data sheet and the information contained therein is believed to be accurate. Data provided is based on standard tests under laboratory conditions and is given as a guide only. No responsibility is taken by the company for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. For further assistance on product MSDS, recommendation or technical queries, please liaise with the regional technical services engineer or contact HQ technical engineers.

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