

## POWERSHIFT TRANSMISSION & HYDRAULIC OILS FOR HEAVY EQUIPMENT MANUAL TRANSMISSION

### Product Description

premium final drive & axle lubricant especially designed for off-highway heavy equipments where improved productivity has increased the gear & bearing workload.

TRANSLIK FD-1 SAE 60 protect gear and bearing of heavy-duty equipment from various mode of failure to maintain equipment durability.

### Typical Characteristics

Characteristics	Test Method	TRANSLIK FD- 1
SAE Viscosity Grade	-	60
Density at 15 °C, kg/L	ASTM D4052	0.8945
Kinematic Viscosity at 40°C, cSt	ASTM D7279	318.8
at 100°C, cSt	ASTM D7279	24.10
Viscosity Index	ASTM D2270	96
Flash Point, °C	ASTM D92	296
Pour Point, °C	ASTM D97	-9

### Specifications / Approvals

- Caterpillar FD-1

### Applications

TRANSLIK FD-1 SAE 60 is recommended for final drive and axles in off-highway heavy equipments that require Caterpillar FD-1 performance level.

TRANSLIK FD-1 SAE 60 should not be used in clutch and brake compartments which contain friction materials unless specifically stated that it requires Caterpillar FD-1 performance level.

### Health and Safety

Please contact our Industrial Marketing Head Office to get Material Safety Data Sheet as information for Health and Safety Protection

Phone: 62-21 3190 7190/5

Email: [hsse.ptpl@pertamina.com](mailto:hsse.ptpl@pertamina.com)

[www.pertaminalubricants.com](http://www.pertaminalubricants.com)

### Disclaimer:

Information presented in this Product Data Sheet is as accurate as possible prior to printing. Such information is based upon standard industry tests under controlled laboratory conditions and presented as a guide only. To assess product suitability for its intended application, it is recommended that users refer to the latest version of the Product Data Sheet because the information contained herein is subject to change, without notice, due to the upgrades in product formulation, manufacturers' equipment specifications, user applications and storage.