



## PRODUCT DESCRIPTION AND APPLICATION

### Product Description

**Rosneft Kinetic Catran 10W** is a winter transmission/hydraulic oil designed for application in a long-term operation of road construction and mining equipment. It is produced from high-quality hydro-treated base oils and modern additives.

### Application

**Rosneft Kinetic Catran 10W** is intended for use in power shift transmissions, hub and final gears, hydraulic systems and wet brakes of road-building and mining equipment manufactured by Caterpillar, Komatsu, Hitachi, etc. It is also recommended for transmissions manufactured by Eaton, Fuller, ZF, Dana and Rockwell, where similar types of oil are required in accordance with the service manual. It is not recommended for the transmissions of agricultural and other machinery requiring UTTO-type oils.

## APPROVALS AND SPECIFICATIONS

#### International specifications:

API CF, CF-2

#### Approvals:

ZF TE-ML 03C

#### Meeting requirements:

ZF TE-ML 07F

Komatsu KES 07.868.01

Allison C-4

Caterpillar TO-4

## BENEFITS

- Enhanced anti-oxidation, anti-wear and anti-rust properties extend the service life of transmissions, hub and final transmissions, hydraulic systems and wet brakes;
- High-quality components provide a long-lasting oil operation under the most difficult conditions;
- Excellent tribological properties enable a silent operation of wet brakes and minimal slippage of the clutch plates;
- Perfectly compatible with all existing materials of transmission seals, hub and final gears, wet brakes and hydraulic systems;
- Maintains a good fluidity at low temperatures and effectively protects friction units from wear during cold start.

## PACKAGING

20 L, 216.5 L

## Typical physical and chemical properties

Parameter	Test method	Rosneft Kinetic Catran 10W
Kinematic viscosity at 100 °C, mm <sup>2</sup> /s	ASTM D445	6,4
Low-Temperature Viscosity (CCS) at - 35 °C, mPa·s	ASTM D2983	40830
Viscosity Index	ASTM D2270	105
Flash point, COC °C	ASTM D92	208
Pour Point, °C	ASTM D97	-30
Corrosiveness to Copper	ASTM D130	1b