



ENEOS Transmission 10W

Heavy Duty Power Shift Transmission Fluid

Material Code: EMA1703

ENEOS Transmission 10W is specially designed for power shift transmissions, final drives and wet brakes on heavy duty off-highway equipment used in earth moving, mining logging, road transport and agricultural application. These oils are blended from premium quality base oils and proven performance additives to provide enhanced wear protection, thermo-oxidative stability, frictional characteristics and rust & corrosion protection. These oils are specifically designed to meet the performance requirements of Caterpillar TO-4, Komatsu power shift transmissions, ZF torque converter transmission and Allison C-4 Automatic Transmissions.

❖ SPECIAL FEATURES.

1. Excellent control of frictional properties prevents clutch slippage & ensures smoother operation of transmissions & brakes.
2. Improved Thermo-Oxidative stability & protection of metal surface against scuffing & wear gives longer oil & equipment life.
3. Keeps metal parts free of sludge and varnish leading to reliable operation.
4. Excellent foam control ensures effective wet brake & transmission performance & controls brake chatter.
5. Good compatibility with all common seals, O rings, packing materials & clutch materials leads to reduced downtime.
6. Very good low temperature fluidity (SAE 10W grade) ensures quick start up of equipment.

❖ PACK SIZE.

20L, 208L

❖ PERFORMANCE LEVEL

API CF, CF-2
 DIN 51524 Part 2- HLP
 AFNOR NFE 48-603 (HM), ISO 11158 HM
 Eaton (Vickers) M-2950-S, M-2952-S, I-286-S
 Bosch Rexroth 07 075 for vane, Piston & Gear
 Pumps, Sauer Danfoss 520L0463
 MAG IAS, LLC P-69
 Denison HF-0, HF-1, HF-2

❖ APPLICATIONS.

- Heavy duty manual transmissions, gear boxes, final drives & hydraulic systems used in off highway equipment for Earthmoving, agricultural, logging, construction & mining applications.
- Power shift & automatic transmissions, wet brake, torque converters & hydrostatic systems requiring these quality fluids.
- Industrial torque converters & hydraulic systems where such type of fluids are specified.

❖ TYPICAL PROPERTIES.

SAE Viscosity Grade Quality Grade	10W CF, CF-2
Density (15°C), g/cm ³	0.895
Flash Point (COC), °C	182
Kinematic Viscosity (100°C), cSt	7.12
Viscosity Index	100
Pour Point, °C	-24
TBN, mg KOH/g	7.56

Note: The Typical Properties may be changed without notice.



Handling Precautions

▼ Follow these precautions when handling this product.

Classification of the substance or preparation:	Not a dangerous preparation according to 1999/45/EC.
Most important adverse:	No adverse hazards.
Most important adverse human health effects:	None under normal conditions.
Precautionary Statements:	No naked lights. No smoking. Keep away from sources of ignition.
Prevention	Handle in accordance with good industrial hygiene and safety procedures.
Response	After inhalation: Assure fresh air breathing. Obtain medical attention if breathing difficulty persists. After contact with skin: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Seek medical attention if irritation develops. After contact with eyes: Rinse immediately with plenty of water. Seek medical attention if irritation develops. After ingestion: DO NOT INDUCE VOMITING. Seek medical attention immediately. Other Information: If there is any suspicion of aspiration into the lungs either directly or as a result of vomiting, obtain medical advice.
Storage	Keep container closed when not in use. Keep at temperature not exceeding 45°C. Keep only in the original container in a cool, well ventilated place.
Disposal	Waste disposal: Avoid release to the environment. Waste-disposal procedures: See Directive 2001/118/EC Industrial waste number (EURAL): 13 02 05 - mineral-based non-chlorinated engine, gear and lubricating oils. Contaminated packaging: Do not attempt to refill or clean containers without proper instructions. Do not cut, pressurise, weld, braze, solder, drill, grind or expose such containers to the heat, flame, sparks, static electricity or other sources of ignition. They may explode and cause injury or death.