

0165.00

Special Transmission Fluid

Multipurpose lubricant for automatic transmissions, torque converters, steering systems and hydraulic clutches.

PAKELO SPECIAL TRANSMISSION FLUID is a multipurpose Automatic Transmission Fluid specific for automatic and "Powershift" transmissions.

The product is formulated with highly selected severely solvent refined mineral base stocks and with an accurate additive package that enables to satisfy the unique requirements for this type of applications.

PAKELO SPECIAL TRANSMISSION FLUID provides anti-oxidative, anti-rust and anti-foam properties and shows a high chemical inertia towards rubber gaskets.

The product has Very High Viscosity Index that guarantees high stability at high temperatures and excellent fluency at very low temperatures (Brookfield Viscosity is less than 50.000cP at -40°C).

PAKELO SPECIAL TRANSMISSION FLUID can be used under conditions with high thermal excursions: both at low temperatures and at high temperatures.

The product provides the following main properties:

- good thermal-oxidative resistance;
- excellent fluency at low temperatures;
- superior EP and antiwear properties that enable the product to increase transmission's life;
- excellent protection from corrosion;
- excellent anti-rust and antifoam characteristics;
- reduction of sludge and deposits thanks to its high detergent and dispersant properties;
- friction stability properties also under heavy duty conditions;
- Very High Viscosity Index and good stability even under high mechanical stresses;
- longer oil drain intervals also in extreme working conditions;
- compatibility with gaskets.

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Application fields

PAKELO SPECIAL TRANSMISSION FLUID is a special automatic transmission fluid recommended for both heavy duty vehicles and cars.

The product satisfies all the applications foreseen by General Motors DEXRON® II-D Specification. In the majority of cases it can substitute ATF TASA and DEXRON® fluids.

Thanks to its chemical-physical properties PAKELO SPECIAL TRANSMISSION FLUID can also be used for manual, hydrostatic and hydrodynamic transmissions, torque converters, steering systems and hydraulic clutches.

PAKELO SPECIAL TRANSMISSION FLUID is also suitable for use in joints, in marine and industrial hydraulic systems and shock absorbers.

Performance level

General Motors DEXRON® II-D, Ford MERCON®, Allison C4, Voith H55.6335.XX (G607 Standard Drain), MAN 339 Type L-2 / V-1 / Z-1, MB 236.6, Caterpillar TO-2, Volvo 97335, ZF TE-ML 04D / 09 / 11A / 14A.

Chemical-Physical Characteristics

Special Transmission Fluid	Method analysis	Unit measure	Value
Density at 15°C	ASTM D1298	kg/l	0,865
Kinematic Viscosity at 40°C	ASTM D445	cSt	34,4
Kinematic Viscosity at 100°C	ASTM D445	cSt	7,2
Viscosity Index	ASTM D2270	-	180
Brookfield Viscosity at -40°C	ASTM D2983	cP	33.000
KRL Shear Stability (Stage C - 20 Hour) at 100°C	CEC L45T93	%(cSt/cSt)	26,6
Kinematic Viscosity at 100°C after KRL (Stage C)	CEC L45T93	cSt	5,3
Flash Point (C.O.C.)	ASTM D92	°C	205

The data just above refer to average values and must not be understood as guaranteed characteristics.

This Technical Data Sheet has been carefully checked to guarantee complete and precise information. However, we do not take any responsibility in case of damages caused by any mistakes or omissions. Due to continual product research and development, the information contained herein is subject to change without notification.