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UTTO Fluid 4 D

SAE 80W-140

Lubricant recommended for differentials (also Limited Slip), final drives and axles of agricultural and earth moving machines also with wet brakes/clutches.

PAKELO UTTO FLUID 4 D SAE 80W-140 is a multifunction mineral based lubricant formulated with selected additives that guarantee to finished product great performance in transmissions and axles of machines also with wet brakes/clutches.

The product has high EP (Extreme Pressure) properties and it is formulated with special friction modifiers additives that enable to remove the stick-slip phenomena, and thus noise (“squawk”) and vibrations in applications where this phenomenon can disclose (self locking differentials and wet brakes/clutches).

Vibrations can be generated when the braking action is next to the stop of the vehicle. In worst cases the noise can be detected during ordinary slowing down phases.

PAKELO UTTO FLUID 4 D SAE 80W-140 is suitable for all friction material types typically used in wet brakes/clutches and it is effective in particular with the use of sintered discs.

PAKELO UTTO FLUID 4 D SAE 80W-140 provides the following main properties:

- excellent EP (Extreme Pressure) performance for a great protection of gears;
- high thermal-oxidative stability;
- high protection against sludge, varnish and deposits;
- great detergent/dispersant properties;
- good protection against bearing corrosion;
- high anti-rust, anti-wear and anti-foam characteristics;
- great reduction of stick-slip phenomena in transmissions and axles with wet brakes/clutches.

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Application fields

PAKELO UTTO FLUID 4 D SAE 80W-140 is lubricant for differentials, final drives and axles of agricultural and earth moving machines also with wet brakes/clutches.

Performance levels

The additive package used allows to satisfy the following performance levels: **API GL-4**, **Case New Holland CNH MAT 3510 (MS 1317)**.

Chemical-Physical Characteristics

UTTO Fluid 4 D	Method analysis	Unit measure	Value SAE 80W-140
Density at 15°C	ASTM D1298	kg/l	0,887
Kinematic Viscosity at 40°C	ASTM D445	cSt	241,3
Kinematic Viscosity at 100°C	ASTM D445	cSt	25,3
Viscosity Index	ASTM D2270	-	134
Brookfield Viscosity at -26°C	ASTM D2983	cP	115.000
Flash Point (C.O.C)	ASTM D92	°C	> 220
Pour Point	ASTM D97	°C	-28

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.