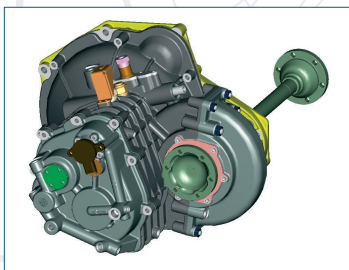
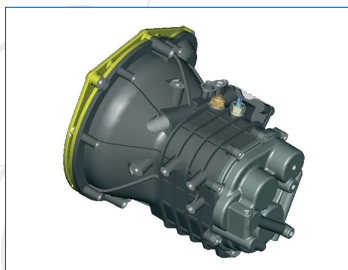


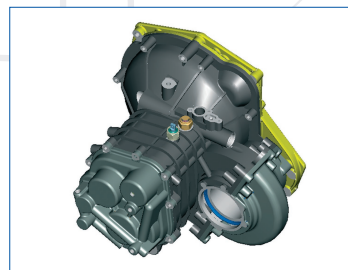
## T 500 series transmissions



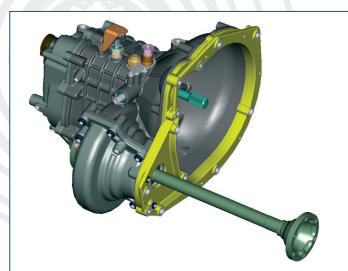
T506S/FWD



T506S/FWD



T506S/FWD



T506S/FWD

- 6 speed plus 1 reverse
- Dog engagement, straight cut gears
- Force-fed lubrication (with option for an external cooler)
- Adjustable limited slip differential with a minimum setting of 60% and a maximum setting of 90%
- For lockage set-up, differential removal possible without dismantling the gearbox
- Independent ratio removal or complete shaft removal
- Reverse and neutral engagement protected
- Barrel position sensor included
- Hydraulic release bearing is coaxial with the clutch
- Possible simple hydraulic automation
- Gearbox shifting by Bowden cable or mechanical lever

Also available with 700Nm of torque input using F1 steel technology

### Transverse Gearbox – Sequential shifting

	T506S/FWD	T506S/FWD
	Diesel	Petrol
Maximum input torque	500 Nm	500 Nm
Maximum output torque	5,000 Nm	5,000 Nm
Input r.p.m.	4,500	8,500
<b>Gear ratios:</b>		
Standard Ratios		
1st gear	2.923	2.923
2nd gear	2.125	2.125
3rd gear	1.684	1.684
4th gear	1.381	1.381
5th & 6th gear	1.174	1.174
6th gear	1.000	1.000
Reverse G.	2.538	2.538
Final drive ratio – 2.087		

#### Options\*

Ratio options available (excluding 1st and reverse):

2nd 2.188, 3rd 1.778 & 1.632, 4th 1.550, 4th & 5th 1.318, 5th & 6th 1.125

Final drive ratio 3.438

\*Other ratios on request