

**Eaton Light, Medium and Medium Heavy Transmissions**

FS - 5406

- Designed for vehicles with engines up to 760 Nm of torque respectively.
- The FS-5406 has boosted LOW FORCE synchronizers.
- Rating to be used as a guide and not as an approval.
- For approval the application must conform to Form FUL-169M or complete vehicle specification must be submitted on form FUL-170.



# Eaton® Truck Components FS-5406

## Specifications:

### Speeds:

6 forward (all synchronised),  
1 reverse.

### Clutch housing size:

SAE 2 Aluminium clutch housing standard.

### Power Take-Off openings:

Two standard SAE openings,  
Left and right regular duty type,  
6 bolt short length.  
Extended countershaft PTO standard.

### PTO of gear speeds (% of engine speed):

Left and right side and extended  
layshaft PTO's turn at 52% of engine  
speed.

### Speedometer:

Provision in rear bearing cover  
(standard magn. pick-up).

### Reverse light switch:

Provision in Shift bar housing for  
installation of switch.

### Neutral switch:

Provision available.

### Weight:

Incl. clutch housing, less clutch  
release parts & shift tower  
163 kg (dry)

### Oil Capacity:

9.2 litres.

## Product description:

Smoother shifting with fine pitch  
clutch teeth and enhanced shift  
stroke.

Easier shifting due to increased  
lever ratio, reduced shift stroke.

Greater load carrying capacity  
and longer life provided by  
tapered roller bearings support-  
ing the mainshaft and counter-  
shaft.

Improved durability due to gear  
face width increases and new  
synchronizer material with higher  
coefficient of friction.

## Ratios and Steps:

### GEAR RATIOS FS - 5406 SERIES

Speed	FS-5406
6	1.00
5	1.36
4	2.04
3	3.22
2	5.27
1	9.01
REV	8.63

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Eaton and Dana have formed  
a global partnership to provide  
complete drivetrain solutions  
for the world's trucking industry.

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