

Technical Data – Group K

Sealants, Lubricants and Locking Agents

| Description | Application | Catalogue number | Part number |
|-------------------------|---|---------------------|-----------------------|
| Transmission Fluid | Assembly of rotating transmission components, fluid fill | 19 40 764/19 40 768 | 90 540 998/09 120 541 |
| Assembly grease | Insertion of seal rings | 19 48 603 | 90 393 648 |
| Lubricating grease | To coat clutch bearing sliding surface and clutch plate teeth | 19 48 568 | 90 397 024 |
| Surface sealant (green) | To install reverse lamp switch | 15 03 170 | 90 542 114 |
| Locking compound | Sealant for bolted connections | 15 10 181 | 90 542 117 |
| Silicon grease | Grease for all temperature stressed sliding connections and plastic rings | 19 70 206 | 90 167 353 |
| Ball-bearing grease | To attach gasket and as lubricant for splines | 19 48 606 | 90 510 336 |

Clutch

Type: Single-disc, dry clutch

| Engine | Lining thickness (mm) | Outer and inner diameter of lining (mm) |
|----------|-----------------------|---|
| Z 20 LET | 7.65 | 228/150 |
| Z 22 SE | 7.65 | 228/150 |

Clutch hydraulics

Hydraulic fluid: Opel/Vauxhall heavy-duty brake fluid. This brake fluid complies with DOT 4 US safety standard and J 1703 SAE specification. This brake fluid can be mixed with all fluids that comply with these regulations.

Transmission and Differential

Survey

| Engine | Manual transmission | |
|-------------|---------------------|-------------------|
| Z 20 LET | Designation | Final Drive Ratio |
| | F23 SRT | 3.63 |
| Z 22 SE | F23 SR | 3.95 |

| Transmission gear ratios | | |
|--------------------------|--------|--------|
| | F 23 | |
| | SR | SRT |
| 1st gear | 3.5769 | 3.5769 |
| | | |

| | | |
|--------------|--------|--------|
| 2nd gear | 2.0217 | 2.0217 |
| 3rd gear | 1.3478 | 1.3478 |
| 4th gear | 0.9767 | 0.9767 |
| 5th gear | 0.8085 | 0.79 |
| Reverse gear | 3.3077 | 3.3077 |

Transmission Fluid

| Fill Quantity | Catalogue No. | Part No. |
|-----------------|---------------|------------|
| approx. 1.55 | 19 40 768 | 09 120 541 |

Transmission fluid level: Following a transmission repair operation, the transmission must be topped up to lower edge of level aperture.
As transmission fluid is factory-filled by weight, fluid level is always below checking aperture.