

## 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<br>LET | Designation         | Final Drive Ratio |
|             | F23 SRT             | 3.63              |
| Z 22<br>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.<br>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.