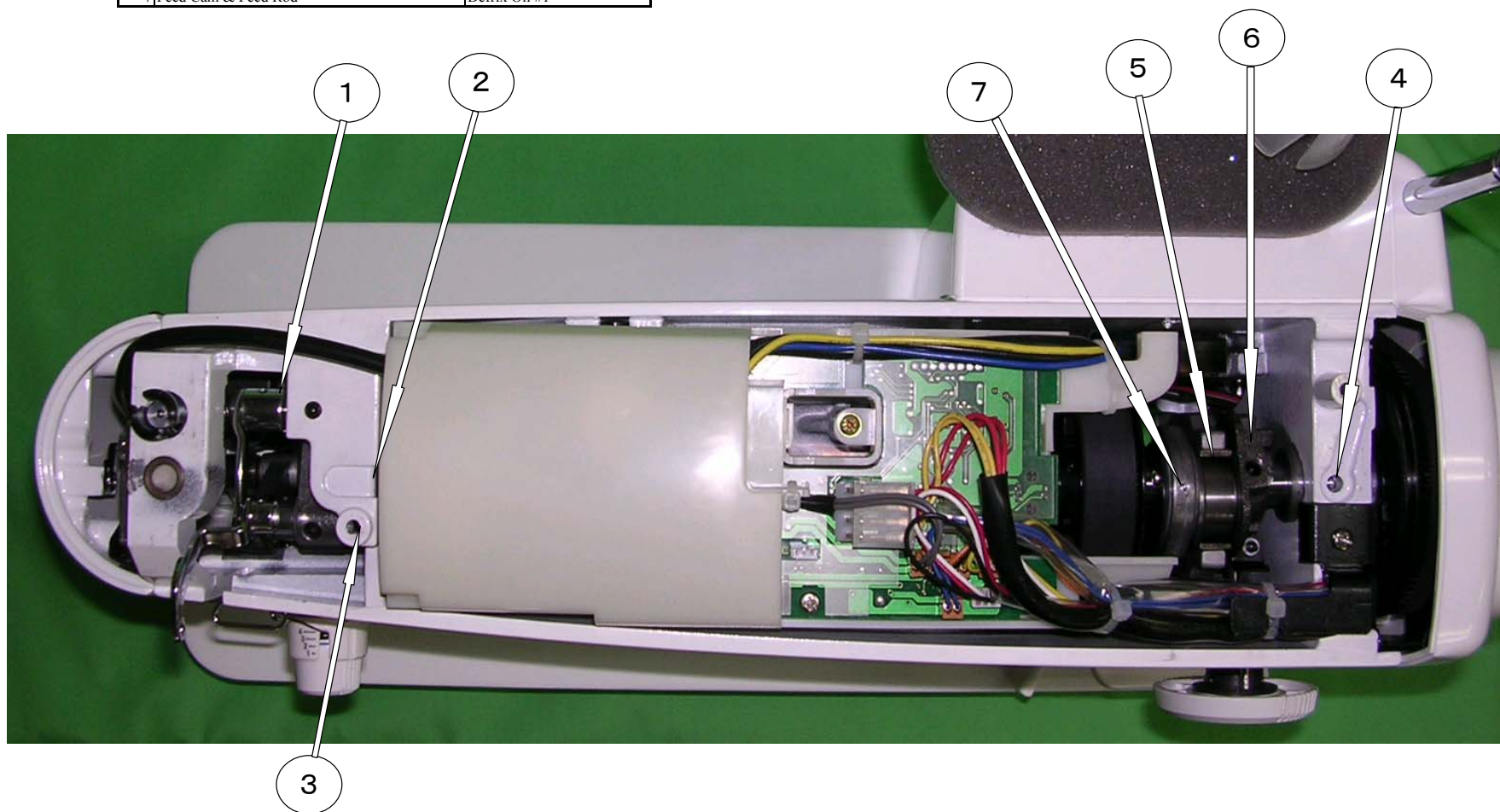


1) Oiling Points inside Top Cover

| No. | Point | Oil to be used |
|-----|--|----------------|
| 1 | Take-up Holding Shaft & Take-up Holde | Defrix Oil #1 |
| 2 | Oiling to Upper Shaft Front Bushing from Arn | Defrix Oil #1 |
| 3 | Balancer & left surface of Upper Shaft Front Bushing | Defrix Oil #1 |
| 4 | Oiling to Upper Shaft Rear Bushing from the $\phi 4$ mm hole | Defrix Oil #1 |
| 5 | Feed Cam & Forked Rod | Grease |
| 6 | Between Feed Regulator & Forked Rod | Defrix Oil #1 |
| 7 | Feed Cam & Feed Rod | Defrix Oil #1 |

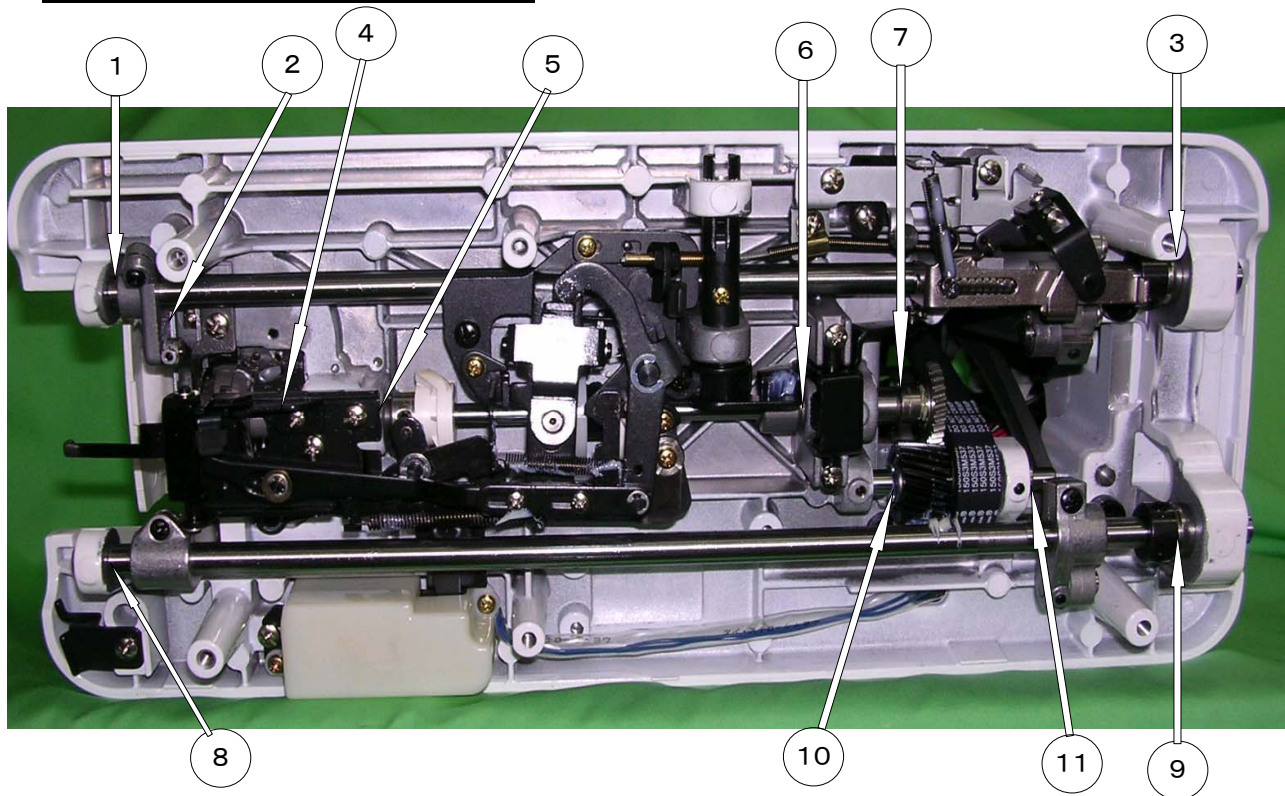
資料No.[3]-①-1



2) Oiling Points inside Bottom Cover

| No. | Point | Oil to be used |
|-----|---|----------------|
| 1 | Vertical Feed Shaft & left surface of hole at bed | Defrix Oil #1 |
| 2 | Feed Base Block & Vertical Feed Shaft Arm | Grease |
| 3 | Contact of Vertical Feed Shaft & Thrust Collar at right side of Bed | Defrix Oil #1 |
| 4 | Hook Driving Shaft & left surface of Hook Driving Shaft Front Bushing | Defrix Oil #1 |
| 5 | Between right surface of Hook Driving Shaft Front Bushing & Thread Trimming Supplementary Cam | Defrix Oil #1 |
| 6 | Between right surface of Hook Driving Shaft Rear Bushing & Thrust Collar | Defrix Oil #1 |
| 7 | Between left surface of Hook Driving Shaft Rear Bushing & Gear | Defrix Oil #1 |
| 8 | Feed Rod Shaft & left surface of hole at bed | Defrix Oil #1 |
| 9 | Contact of Feed Shaft & Thrust Collar at right side of Bed | Defrix Oil #1 |
| 10 | Between left of Hook Driving Shaft Pulley & Eccentric Shaft | Defrix Oil #1 |
| 11 | Between right side of Hook Driving Shaft & Eccentric Shaft | Defrix Oil #1 |

資料No.[3]-①-2



3) Oiling Points inside Face Plate Cover

資料No.[3]-①-3

| No. | Point | Oil to be used |
|-----|--|----------------|
| 1 | Between Needle Bar Crank & Thread Take-up | Defrix Oil #1 |
| 2 | Between Needle Bar Crank & Needle Bar Crank Rod | Defrix Oil #1 |
| 3 | Between Needle Bar Crank Rod & Needle Bar Holder | Defrix Oil #1 |
| 4 | Needle Bar | Defrix Oil #1 |

