



Oil Quantities and Oil Types

| Oil Quantity (pints) | | | | |
|----------------------|------|-------|-------|-------|
| RL (in.) | 80LS | 113LS | 138LS | 165LS |
| 7.87 | 0.2 | | | |
| 9.84 | 0.3 | 0.7 | | |
| 11.81 | 0.4 | 0.9 | 1.5 | |
| 13.78 | 0.5 | 1.1 | 2.0 | 2.5 |
| 15.75 | 0.5 | 1.4 | 2.5 | 3.0 |
| 17.72 | 0.6 | 1.6 | 3.0 | 3.5 |
| 19.69 | 0.7 | 1.8 | 3.0 | 4.0 |
| 21.65 | 0.8 | 2.1 | 4.0 | 4.0 |
| 23.62 | 0.9 | 2.3 | 4.0 | 5.0 |
| 25.59 | 1.0 | 2.5 | 4.5 | 5.5 |
| 27.56 | 1.1 | 2.8 | 5.0 | 5.5 |
| 29.53 | 1.1 | 3.0 | 5.5 | 6.0 |
| 31.50 | 1.2 | 3.2 | 6.0 | 6.5 |
| 33.46 | 1.3 | 3.5 | 6.5 | 7.0 |
| 35.43 | 1.4 | 3.7 | 7.0 | 7.5 |
| 37.40 | 1.5 | 3.9 | 7.0 | 8.0 |
| 39.37 | 1.6 | 4.2 | 8.0 | 8.0 |
| 41.34 | | 4.4 | 8.0 | 8.5 |
| 43.31 | | 4.6 | 8.5 | 9.5 |
| 45.28 | | 4.9 | 9.0 | 9.5 |
| 47.24 | | 5.1 | 9.5 | 10.0 |
| 49.21 | | | 9.5 | 10.5 |
| 51.18 | | | 10.0 | 11.0 |
| 53.15 | | | 10.5 | 11.5 |
| 55.12 | | | 11.0 | 12.0 |
| 57.09 | | | 11.0 | 12.0 |
| 59.06 | | | 10.0 | 12.5 |
| 61.02 | | | 10.5 | 12.0 |
| 62.99 | | | 11.0 | 12.5 |
| 64.96 | | | 11.0 | 13.0 |
| 66.93 | | | 11.5 | 13.5 |
| 68.90 | | | 12.0 | 14.0 |
| 70.87 | | | 12.5 | 14.5 |
| 72.83 | | | 12.5 | 15.0 |
| 74.80 | | | | 15.0 |
| 76.77 | | | | 15.5 |
| 78.74 | | | | 16.0 |

Note: The oil contents shown above are valid for standard unlagged drum motors only. For special options the oil quantity can deviate. Therefore always use the given oil quantity shown on the data plate.

Oil Quantities and Oil Types



| Motorized Pulley Oil type | IEC34 Insulation Class | Ambient Temp. | ISO 3498 DIN51519 | DIN 51517 | Castrol | BP | ESSO Mobil | Shell | Texaco | Fuchs |
|---|------------------------|---------------|-------------------|---------------|-----------------|-------------------|----------------------|-----------|------------|----------------------|
| 80LS Mineral | F | 23°F +104°F | CC ISOVG 68 | CLP ISOVG 68 | ALPHA SP 68 | ENERGOL GR-XP 68 | MOBILGEAR 600 XP 68 | OMALA 68 | MEROPA 68 | |
| 80LS Synthetic | F & H | -13°F +104°F | CC ISOVG 68 | CLP ISOVG 68 | ALPHA SYN T 68 | | SHC 626 68 | | | |
| 80LS Synthetic food grade | F & H | -40°F +104°F | CC ISOVG 68 | CLP ISOVG 68 | | | CIBUS 68* | | | CASSIDA FLUID HFS 68 |
| 113LS Mineral | F | 23°F+104°F | CC ISOVG 150 | CLP ISOVG 150 | ALPHA SP 150 | ENERGOL GR-XP 150 | MOBILGEAR 600 XP 150 | OMALA 150 | MEROPA 150 | |
| 113LS Synthetic | F & H | -13°F +104°F | CC ISOVG 150 | CLP ISOVG 150 | ALPHA SYN T 150 | | SHC 629 150 | | | |
| 113LS Synthetic food grade | F & H | -22°F +104°F | CC ISOVG 150 | CLP ISOVG 150 | | | CIBUS 150* | | | CASSIDA GL150 |
| 138LS - 165LS Mineral | F | 23°F +104°F | CC ISOVG 150 | CLP ISOVG 150 | ALPHA SP 150 | ENERGOL GR-XP 150 | MOBILGEAR 600 XP 150 | OMALA 150 | MEROPA 150 | |
| 138LS - 165LS Synthetic | F & H | -13°F +104°F | CC ISOVG 220 | CLP ISOVG 220 | ALPHA SYN T 220 | | SHC 630 220 | | | |
| 138LS - 165LS Synthetic food grade | F & H | -22°F +104°F | CC ISOVG 220 | CLP ISOVG 220 | | | CIBUS 220* | | | CASSIDA GL220 |

* These brands and specifications are supplied as standard from Rulmeca Corporation, Wilmington, North Carolina.

| Oil contents for vertical mounting regardless of roller length | | |
|--|-------|--|
| Model | Pints | Special construction |
| 80LS | 0.4 | Electrical connection must be located at the top |
| 113LS | 1.3 | |
| 138LS | 3.0 | |
| 165LS | 6.5 | |

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