



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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