

## Allison Transmission Oil Coolers . . .

### Floating Bundle

#### ALLISON WORLD TRANSMISSION : SHELL AND TUBE REMOVABLE BUNDLE OIL COOLERS

Allison WT Model Series	Typical WT Application	Does Transm. Have Retarder Provision	Typical Engine Input Hp	Min. Oil Flow Rate GPM Converter/ Retarder	Maximum Intermittent Oil Temp. Converter/ Retarder	Min. Water Flow Rate GPM	Model No 5-7009B 1 pass on water side BTU/min	Model No 5-7026B 2 pass on water side BTU/mi	Model No 5-7027B 1 pass on water side BTU/min	Model No. 5-7003BÊ 2 pass on water side BTU/min
MD3000	On Highway	No	275	12	300° F	50				
MD3000R	On Highway	Yes	275	12 / 60	300° F / 330° F	50	3170 / 12000	3300 / 13000		
B300	Bus	No	275	12	300° F	50				
B300R	Bus	Yes	275	12 / 60	300° F / 330° F	50	3170 / 12000	3300 / 13000		
B400	Bus	No	295	12	300° F	50				
B400R	Bus	Yes	295	12 / 60	300° F / 330° F	50	3170 / 12000	3300 / 13000	3130 / 13270	3450 / 13350
HD4000	On Highway	No	450	17	300° F	60				
HD4000R	On Highway	Yes	450	17 / 60	300° F / 330° F	60			4080 / 13800	4550 / 13800
B500	Bus	No	450	17	300° F	60				
B500R	Bus	Yes	450	17 / 60	300° F / 330° F	60			4080 / 13800	4550 / 13800

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AT540 / AT 1540	On Highway	No	175	4.5	300° F	50			
MT600 300 CONVERTER	On Highway	No	250	8	300° F	75			
MTB600 300 CONVERTER	On Highway	Yes	250	8 / 60	300° F / 330° F	75	2050 / 10800	2200 / 11300	2600 / 14200
MT600 400 CONVERTER	On / Off Highway	No	300	12	300° F	90			
MTB600 400 CONVERTER	On / Off Highway	Yes	300	12 / 60	300° F / 330° F	90	3000 / 11400	3000 / 11700	3700 / 14600
HT700	On Highway	Yes	425	15	300° F	125	3550	3450	4500
HT700 With 3 Gear Pump	On Highway	No	425	22	300° F	125	5000	4650	
HT700 With Input Retarder	On Highway	Yes	425	15 / 60	300° F / 330° F	125	3550 / 12200	3450 / 13270	4500 / 15800
HTB700	On Highway	Yes	425	15 / 60	300° F / 330° F	125	3550 / 12200	3450 / 13270	4500 / 15800
CLT700	Off Highway	No	300 to 500	15	275° F	125	2750	2600	3350
CLBT700	Off Highway	Yes	300 to 500	22 / 70	275° F / 330° F	125			4500 / 17500
CLT 5000 / 6000	Off Highway	No	400 to 700	35	275° F	125	5350	5025	6250

CLBT 5000 / 600	Off Highway	Yes	400 to 700	35 / 110	275° F / 330° F	125			6250 / 23200
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### Code 37 PRODUCT LINE / REMOVABLE BUNDLE COOLERS

P/N	Overall Length	Pass	Water Ports Orientation to Oil Ports	Water port size, in	Oil port size, in	Similar to	Dry Wt (Lb)	Full Wt (Lb)	Oil Cap. (Gal)	Water Cap. (Gal)
5-70 01 B	10	1	0	2.75	#20	3-1184B	30.1	38.4	0.7	0.5
5-70 02 B	20	1	0	3	#20		49.1	65.3	1.3	0.9
5-70 03 B	20	2	0	2.75	#20	3-1274A	49.1	65.3	1.3	0.9
5-70 04 B	15	2	0	2.5	#20		37.6	49.5	1.0	0.7
5-70 05 B	15	2	90	2.25	#20		40.4	52.2	1.0	0.7
5-70 06 B	20	2	90	2.75	#20	3-1273B	49.1	65.3	1.3	0.9
5-70 07 B	15	2	90	2.75	#20	3-1284A	39.4	51.3	1.0	0.7
5-70 08 B	10	1	0	3	1.25 NPT	3-1127A	32.8	41.2	0.7	0.5
5-70 09 B	15	1	0	3	#20	3-1259B	40.4	52.2	1.0	0.7
5-70 10 B	20	1	0	3	2-11.5	3-1179B	49.1	65.3	1.3	0.9
5-70 11 B	15	1	0	3	#16	NEW	40.4	52.2	1.0	0.7
5-70 12 B	10	2	0	2.5	#20	NEW	34.4	42.7	0.7	0.5
5-70 13 B	15	2	90	2.25	#20	NEW	39.9	51.7	1.0	0.7
5-70 14 B	10	2	0	2.25	#20	3-1192A	32.5	40.8	0.7	0.5
5-70 15 B	15	2	90	2.5	#20	NEW	39.9	51.7	1.0	0.7
5-70 16 B	20	2	90	2.75	#20	NEW	49.4	65.6	1.3	0.9
5-70 23 B	15	2	0	2.75	#19	NEW	37.6	49.5	1.0	0.7
5-70 24 B	20	1	0	3	#20	3-1314B	49.1	65.4	1.3	0.9
5-70 25 B	20	2	90	2.5	#20	NEW	49.1	65.4	1.3	0.9
5-70 26 B	15	2	0	2.75	#20	3-1270A	37.6	49.5	1.0	0.7
5-70 27 B	20	1	0	3	#20	3-1279B	49.1	65.4	1.3	0.9
5-70 30 B	15	2	90	2.25	#20		40.4	52.2	1.0	0.7

### SUMP COOLER OPTIONS

P/N	Overall Length	Pass	Water Ports Orientation to Oil Ports	Water port size, in	Oil port size, in	Similar to	Dry Wt (Lb)	Full Wt (Lb)	Oil Cap. (Gal)	Water Cap. (Gal)
5-71 02 B	20	1	0	3	#20	3-1279B	60.2	69.9	1.5	1.3
5-71 03 B	20	2	0	2.75	#20	3-1274A	60.2	69.9	1.5	1.3
5-71 04 B	15	2	0	2.75	#20	3-1270A	48.7	54.1	1.2	1.1
5-71 06 B	20	2	90	2.75	#20	3-1273B	60.2	69.9	1.5	1.3
5-71 07 B	15	2	90	2.75	#20	3-1284A	50.5	55.9	1.2	1.1
5-71 12 B	10	2	0	2.5	#20	NEW	45.5	47.3	0.9	0.9
5-71 13 B	15	2	90	2.25	#20	NEW	51.0	56.3	1.2	1.1

5-71 14 B	10	2	0	2.25	#20	3-1192A	43.6	45.4	0.9	0.9
5-71 15 B	15	2	90	2.5	#20	NEW	51.0	56.3	1.2	1.1
5-71 16 B	20	2	90	2.75	#20	NEW	60.5	70.2	1.5	1.3
5-71 17 B	20	2	90	2.5	#20	NEW	49.4	65.6	1.3	0.9
5-71 18 B	10	2	0	2.75	1.25 NPT	NEW	45.5	47.3	0.9	0.9
5-71 19 B	15	2	90	2.75	#20	NEW	51.5	56.8	1.2	1.1
5-71 20 B	15	2	0	2.75	#20	NEW	48.7	54.1	1.2	1.1
5-71 21 B	15	2	90	2.75	#20	NEW	51.00	56.3	1.2	1.1
5-71 22 B	15	2	90	2.75	#20	NEW	48.7	54.1	1.2	1.1

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