

INCH-POUND

MS29590B
1 August 2007
SUPERSEDING
MS29590A
1 October 1988

DETAIL SPECIFICATION SHEET

COOLER-LUBRICATING OIL, AIRCRAFT ENGINE, PETROLEUM BASE, TUBULAR, ROUND

Inactive for new design after 27 October 1995.

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet and MIL-PRF-25478.

REQUIREMENTS:

1. Tolerances. Unless otherwise specified, tolerances shall be specified in the following:
 - a. Two place decimals $\pm .06$
 - b. Three place decimals $\pm .005$

NOTES:

1. Interchangeability relationship: MS29590 parts and AN4125 parts of the same dash number are universally interchangeable.
2. Dimensions are in inches.
3. In the event of a conflict between the test of this document and the references cited herein, the text of this document takes precedence.
4. AN4125 Parts should be used until the existing stock is exhausted.
5. Unless otherwise specified, issues of referenced documents are those in effect at the time of solicitation.

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TABLE I. Aluminum core coolers.

MS part no.	Wt max lbs.	Frontal core area	A dia	B	H
MS29590-5	9.0	19.6	5.00	0.38	0.75
MS29590-6	10.0	28.3	6.00	0.38	0.75
MS29590-7	11.0	38.5	7.00	0.38	0.75
MS29590-8	13.0	50.3	8.00	0.38	0.75
MS29590-9	15.0	63.6	9.00	0.38	0.75
MS29590-10	17.0	78.5	10.00	0.38	0.75
MS29590-11	19.0	95.0	11.00	0.38	0.75
MS29590-12	22.0	113.1	12.00	0.38	0.75
MS29590-13	25.0	132.7	13.00	0.38	0.75
MS29590-14	28.0	153.9	14.00	0.63	1.00
MS29590-15	31.5	176.7	15.00	0.63	1.00
MS29590-16	35.0	201.1	16.00	0.63	1.00
MS29590-17	38.5	227.0	17.00	0.63	1.00
MS29590-18	43.0	254.5	18.00	0.63	1.00
MS29590-19	47.5	283.5	19.00	0.75	1.25
MS29590-20	52.0	314.2	20.00	0.75	1.25
MS29590-21	56.5	346.4	21.00	0.75	1.25
MS29590-22	61.0	380.1	22.00	0.75	1.25

Custodian:
Air Force - 71

Preparing activity:
Air Force - 71

Review activities:
Air Force - 99
DLA - GS

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NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST database at <http://assist.daps.dla.mil>.