

D-Series Standards

Joint Oil Analysis Program (JOAP)

Conostan developed the D-series standards almost 40 years ago to meet the requirements of the U.S. Department of Defense's Spectrometric Oil Analysis Program Standards Committee for its wear metals analysis programs.

The Conostan D-series standards are known for their unique chemistry which results in exceptional stability and accuracy. The product line is available in two configurations:

- ▶ JOAP MIL-DTL-85694A: compliant package, accompanied by required documentation and labeling

- ▶ D-Series: manufactured and certified under a quality management system accredited to ISO 17034 and ISO 17025; accompanied by certificate of analysis (COA) that reports accuracy and uncertainty

Both configurations are available for D3, D12, and D19 standards individually, as well as in the D19 set, as listed in the tables.

Trust the original source of the D-series standards to continue to meet your requirements today.



JOAP MIL-DTL-85694A

DoD Designation	JOAP Part Number compliant package	NSN	Size (g)
D3-100	150-301-019	9150-01-283-0249	200
D12-5	150-301-005	9150-01-307-3343	200
D12-10	150-301-001	9150-00-179-5145	200
D12-30	150-301-003	9150-00-179-5144	200
D12-50	150-301-006	9150-00-179-5143	200
D12-100	150-301-002	9150-00-179-5142	200
D12-300	150-301-004	9150-00-179-5141	200
D19-0	150-301-008	9150-00-179-5137	200
D19 Reference Set	150-301-000	9150-01-355-1178	

JOAP D19 Reference Set

DoD Designation	JOAP Part Number compliant package	Qty. in Set	Size (g)
D19-0	150-301-008	2	200
D19-5	150-301-013	1	200
D19-10	150-301-009	1	200
D19-30	150-301-011	1	200
D19-50	150-301-014	1	200
D19-80	150-301-018	1	200
D19-100	150-301-010	2	200
D19-120	150-301-020	1	200
D19-300	150-301-012	1	200
D19-500	150-301-015	1	200
D19-700	150-301-016	1	200
D19-900	150-301-017	1	200

D3: B, Mo, Zn

D12: Ag, Al, Cr, Cu, Fe, Mg, Na, Ni, Pb, Si, Sn, Ti

D19: Ag, Al, B, Ba, Cd, Cr, Cu, Fe, Mg, Mn, Mo, Na, Ni, Pb, Si, Sn, Ti, V, Zn

D-Series

Description	D-Series Part Number Includes ISO 17034 COA	Size (g)
D-3 100ppm	150-300-019	200
D-12 5ppm	150-300-005	200
D-12 10ppm	150-300-001	200
D-12 30ppm	150-300-003	200
D-12 50ppm	150-300-006	200
D-12 100ppm	150-300-002	200
D-12 300ppm	150-300-004	200
D-19-0	150-300-030	200
D-12 500ppm	150-300-114	200
D-12 900ppm	150-300-115	200
D-19 20ppm	150-300-020	100
D-19 80ppm	150-300-100	100
D-19 120ppm	150-300-101	100
D-19 Set	150-300-018	

Additional sizes and concentrations available.

D-Series D-19 Set

Description	D-Series Part Number Includes ISO 17034 COA	Qty. in Set	Size (g)
D-19-0	150-300-008	4	100
D-19 5ppm	150-300-013	1	100
D-19 10ppm	150-300-009	1	100
D-19 30ppm	150-300-011	1	100
D-19 50ppm	150-300-014	1	100
D-19 100ppm	150-300-010	3	100
D-19 300ppm	150-300-012	2	100
D-19 500ppm	150-300-015	1	100
D-19 700ppm	150-300-016	1	100
D-19 900ppm	150-300-017	1	100

Component parts available individually.

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