

Report to HDEOCP ISM Merit System Revised Limits ISB Revised Limits



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ISM Merit System for PC-10

Criterion	Crosshead Weight Loss	Top Ring Weight Loss	Oil Filter Delta P	Adjusting Screw Weight Loss	Sludge	Total Merits
Weight	350	0	150	350	150	1000
Maximum	7.1	100	19	45	8.7	
Anchor	5.7		13	27	9.0	
Minimum	4.3		7	16	9.3	
Average	5.3	58.9	11.3	24.6	9.0	
St Dev	1.42	15.64	5.93	11.03	0.15	

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ISB Proposed MTAC Limits

- **Tappet wear limit**
 - Target limit **100 mg weight loss.**
 - **MTAC limits are: 100 / 108 / 112 mg for 1/2/3 tests**
- **Cam wear limit**
 - Target limit **50 μm wear by Mitutoyo snap gauge.**
 - **MTAC limits are: 50 / 54 / 56 μm for 1/2/3 tests**
- **Statisticians need to verify MTAC Limits.**

ISB Revised MTAC Limits

- **Tappet wear limit**
 - Target limit **100 mg weight loss.**
 - **MTAC limits are: 100 / 108 / 112 mg for 1/2/3 tests**
- **Cam wear limit**
 - Target limit **55** μm wear by Mitutoyo snap gauge.
 - **MTAC limits are: 55 / 59 / 61 um for 1/2/3 tests**
- **Statisticians need to verify MTAC Limits.**