

## Standards for Engine Lube Oil Filter Tests



- ❖ Compatibility with fluids: ISO 2943
- ❖ Differential pressure versus flow rate  
Filter: ISO 4548-1, SAE HS J806 §1  
By-pass valve: ISO 4548/2
- ❖ Resistance to static pressure:  
ISO 4548-6  
SAE HS J806 §9
- ❖ Filtration efficiency and retention capacity (automatic counting):  
ISO 4548-12  
SAE J1858  
SAE AIR 1666
- ❖ Filtration efficiency and retention capacity:  
ISO 4548-4  
SAE HS J 806 §3  
SAE HS J 806 §2  
JIS D 1611
- ❖ Anti-drain valve test:  
ISO 4548-8  
SAE HS J806 § 6
- ❖ By-pass component characteristics:  
ISO 4548-2  
SAE HS J806 §10
- ❖ Bubble point and fabrication integrity:  
ISO 2942  
ARP 901
- ❖ Absolute filtration rating: MIL F 8815 D
- ❖ Resistance to high temperatures: ISO 4548-3
- ❖ Resistance to flow or pressure variation fatigue:  
ISO 4548-5  
SAE HS 806 §9
- ❖ End load test: ISO 2943
- ❖ Resistance to burst or collapse:  
ISO 2941  
SAE HS J806 §5



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