Myös VW:n kestäviä öljyjä ja ATF:ää

Esim. VW-503/506 ”specsit”

TABLE 46.19
Volkswagen 503.00 and 506.00 Specifications

Performance or Test	Test Limits	
	503.00	506.00
ACEA quality	A3, except HTHS	B4, except HTHS
HTHS viscosity, cP	2.9–3.4	
Sulfated ash	1.5% max	Engine tests if <1.5%
Oil drain interval	30,000 km or 2 years	50,000 km or 2 years
Volatility (NOACK)	13% max	
Viscosity	0, 5, 10W/20, 30, 40	
Phosphorus content	0.08% max	
Seal swell	Numerous tests	
Key tests	PV 1449 (T4) PV 1451 Audi FE	PV 1452 (new TDI)
	PV 5106 (cam and tappet)	

Source: VAG.

Tavallisen ATF:n ”specsejä”

TABLE 25.1
Test Requirements for Conventional ATFs

Test[a]	DEXRON® III	MERCON® V
Miscibility	Miscible with reference fluid	Miscible with reference fluid
Kinematic viscosity, D-445	At 40°C Report At 00°C 6.8	6.8
Brookfield viscosity, D-2983	1,500 cP max at −20°C 20,000 cP max at −40°C	1,500 cP max at −18°C 9,000 ± 4000 cP at −40°C
Flash point, D-92	170°C min	180°C min
Copper corrosion, D-130	1b	1b
Rust, D-665-A	No rust	No rust
Rust, D-1748 Mod.	No rust	—
West test, D-2882 modified	15 mg max	10 mg max
Color, D-1500	6.0–8.0 (red)	6.0–8.0 (red)
Foaming	No foam (GM method)	D-892 foam
Elastomer compatibility	6 Materials	7 Materials
Oxidation	GM oxidation test	Aluminum beaker oxidation text (ABOT)
Friction durability	Clutch plate test, 100 h Band clutch test, 100 h	Clutch plate test, 20,000 cycles
Transmission cycling	THOT[a], 20,000 cycles Stable shift times, fluid and parts analysis, in-vehicle test vs. reference fluid	THOT, 20,000 cycles Stable shift times, fluid and parts analysis, in-vehicle test vs. reference fluid
Shift-feel	In-vehicle test vs. reference fluid	In-vehicle test vs. reference fluid

[a] THOT: Turbohydronamic oxidation test.