

Approved Oils – Final Drives and Transfer Case

Vehicle Type: **Cayenne/Cayenne S/Cayenne Turbo**

Model Year: **As of '03 (3)**

Concerns: **Approved oils for final drives and transfer case – Status July, 2004.**

Identification:	Tiptronic Transmission			Manual Transmission	
	V6	S	Turbo	V6	S
Front Axle Final Drive	V48.20	V48.00	V48.50	V48.21	V48.50
Rear Axle Differential	H48.20	H48.00	H48.50	H48.21	H48.50
Transfer Case	Z48.20	Z48.00	Z48.50	Z48.21	Z48.00

Information: Do to special lubrication requirements, only the oils listed below are approved for the Cayenne/S/T transfer case and differentials.

Front Axle Final Drive

Manufacturer: Burmah SAF-AG4
Part Number: 000 043 205 30
Container: 1 liter

Filling Capacities

approx. 1 liter

Rear Axle Final Drive (w/o differential lock)

Manufacturer: Burmah SAF-AG4
Part Number: 000 043 205 30
Container: 1 liter

Filling Capacities

approx. 1.4 liter (except H48.21)
H48.21 (V6 with M/T) approx. 1.25 liter

Rear Axle Final Drive (with differential lock)

Manufacturer: Burmah SAF Carbon Mod.
Part Number: 000 043 300 37
Container: 1 liter

Filling Capacities

approx. 1.6 liter
H48.21 (V6 with M/T) approx. 1.6 liter

Transfer Case

Manufacturer: ESSO ATF LT 71141
Part Number: 000 043 205 09
Container: 20 liters

Filling Capacities

New filling: approx. 0.85 liter
Change quantity: approx. 0.75 liter

Information: The oil “ESSO ATF LT 71141” for topping off/adjusting or for changing is **red** in color. The factory-fill oil in the transfer case (or a replacement gearbox) comes from a different manufacturer and is **blue** in color.

Reference: POSES, *Cayenne Technical Manual*, Group 3 – Transmission:
> Repairs: 39-3 – Checking and topping up oil for transfer case
39-4 – Changing oil for transfer case
39-7 – Checking and topping up oil for rear final drive
39-8 – Changing oil for rear final drive
39-10 – Checking and topping up oil for all-wheel final drive
39-11 – Changing oil for all-wheel final drive

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