

BOT 448

Rear axle fluid

PRODUCT DESCRIPTION

BOT 448 is a full synthetic SAE 75W-85 rear axle lube.

APPLICATIONS

BOT 448 is an efficiency-optimized rear axle lube, specifically developed for BMW-rear axles *without* limited slip differential.

PRODUCT PROPERTIES

PERFORMANCES

- Performance-efficiency optimized.
- Excellent thermal and oxidative stability – no sedimentation
- Optimum wear and EP-protection guarantee highest performance under all ambient temperatures and loading conditions
- Reduced temperature by minimized friction
- Excellent shear stability, constant viscosity and performance over lifetime
- Remarkable anti-foaming performance
- Good seal-compliance
- No chlorine-compound or heavy metals

ADVANTAGE

SAE 75W-85 viscosity at premier wear protection causes lower fuel consumption and lower CO2 emissions.

Excellent cold-flow-performance leads to measurable fuel savings and reduced emissions.

Reduced torque losses increase the rear axle efficiency.

Optimum protection of entire differential at low ambient temperatures.

Remarkable cleanliness of rear axle and differential allow extended lube change intervals and lower service costs.

Excellent protection of rear axle leads to longer product life. Reduced warranty and repair costs.

Extended oil and component lifetime guarantee longer oil change intervals and lower service costs.

Less losses lead to fuel savings and reduced emissions. Optimum lubrication keeps the rear axle performance and extends its lifetime.

Protected against foaming and therefore guarantees lubrication without issues.

Protects against heavy rising temperatures and lowers wear risks.

Helps to avoid oil leakage, reduces repair costs.

Better environmental compatibility, simple disposal and recycling guaranteed.

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SPECIFICATIONS AND APPROVALS

SAE 75W-85

TYPICAL CHEMICAL AND PHYSICAL DATA

Density at 15°C	kg/m ³	859
Viscosity at 40°C	mm ² /s	76
Viscosity at 100°C	mm ² /s	12,0
Viscosityindex	1	153
Viscosity at -10°C	mm ² /s	1550
Viscosity at -20°C	mm ² /s	3900
Brookfield Viscosity at -40°C	mPa.s	30.500
Pour Point	°C	-60
Flashing point COC	°C	220
Foam Seq. I/II/III	ml	0/0/0
Tapered roller bearing shear test, shear loss at 100°C after 20 h KRL	%	< 2

Typical data for identification

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