

## Q8 City Bus Engine Oil 15W-50

Synthetic Heavy-duty engine oil API CK-4

### Description

Q8 City Bus Engine Oil 15W-50 is a super high performance diesel engine lubricant designed for lubrication of low emission engines. It offers excellent bio-diesel compatibility properties for easy starting during low temperatures and excellent anti-wear performance to extend engine bearing life during start-stop city use.

### Applications

Specially developed formulation for Hybrid City Buses running on bio-diesel for engines requiring combined API CK-4

### Benefits

- Excellent engine protection after cold start.
- Outstanding bio-fuel compatibility.
- Superb catalytic after treatment system (SCR) protection.
- Excellent protection against piston rings deposits.
- Excellent combustion chamber cleanliness due to low sulphated ash level.

### Specifications, recommendations and approvals

API	CK-4	Ford	M2C171-F1
Allison	TES-439	JASO	DH-2
Caterpillar	ECF-2	MB	228.31 (DTFR 15C100)
Caterpillar	ECF-3	MTU	Type 2.1
Cummins	CES 20086	Mack	EO-S 4.5
Detroit Diesel	DFS 93K218	Renault	RLD-4
Detroit Diesel	DFS 93K222	Volvo	VDS-4.5
Deutz	DQC III-10 LA		

### Properties

	Method	Unit	Typical
Density, 15 °C	D 4052	g/ml	0,89
Viscosity Grade	-	-	SAE 15W-50
Kinematic Viscosity, 40 °C	D 445	mm <sup>2</sup> /s	126
Kinematic Viscosity, 100 °C	D 445	mm <sup>2</sup> /s	17.3
Viscosity Index	D 2270	-	149
Total Base Number	D 2896	mg KOH/g	10
Pour Point	D 97	°C	-30
Flash Point, P-M	D 93	°C	212
Sulfated Ash	D 874	% mass	1.0
Borderline Pumping Temperature	D 3829	°C	-24

The figures above are not a specification. They are typical figures obtained within production tolerances.