

GULFSTAR ULTIMA XT

Diesel Engine Car

Typical Characteristics

SI No	Typical properties	SAE 10W- 30	SAE 10W- 40	SAE 15W-40	SAE 20W- 50
1	CCS Viscosity	<7000CP@-25 °C	<7000CP@-25 °C	<7000CP@-20 °C	<9500cP@-15 °C
2	Kinematic Viscosity @ 40°C,cSt (ASTM D-445)	70-80	100-110	100-110	150-170
3	Kinematic Viscosity @ 100°C,c-St(ASTM D-445)	11-12	14.0-14.8	14.0-14.8	17.5-18.5
4	Viscosity Index (ASTM D-2270)	MIN 140	MIN 140	MIN 140	MIN 125
5	Flash Point, °C (ASTM D-92)	200 MIN	210	210	230
6	Pour Point, °C (ASTM D-97)	-34 MIN	-34	-27	-21
7	TBN ,mgKOH/g, MIN	10.0-12.0	10.0-12.0	10.0-12.0	10.0-12.0
8	Sulfated Ash, % by Mass (ASTM D-874)	0.8-1.1	0.8-1.1	0.8-1.1	0.8-1.1
9	PERFORMANCE STANDARDS	• API CJ-4/SM • ACEA E7 2004 • E9-08 • Mack EO-O Premium Plus • Volvo VDS-4 • MB-228.31 • MTU Type I & II • MAN 3275-1 • Renault RLD3 • Cummins 20081 • Caterpillar ECF-3 • ECF-2	• API CJ-4/SM • ACEA E7 2004 • E9-08 • Mack EO-O Premium Plus • Volvo VDS-4 • MB-228.31 • MTU Type I & II • MAN 3275-1 • Renault RLD3 • Cummins 20081 • Caterpillar ECF-3 • ECF-2	• API CJ-4/SM • ACEA E7 2004 • E9-08 • Mack EO-O Premium Plus • Volvo VDS-4 • MB-228.31 • MTU Type I & II • MAN 3275-1 • Renault RLD3 • Cummins 20081 • Caterpillar ECF-3 • ECF-2	• API CJ-4/SM • ACEA E7 2004 • E9-08 • Cummins 20081 • Caterpillar ECF-2