

GULFSTAR ULTIMA XL

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	11.0-12.0	11.0-12.0	11.0-12.0	11.0-12.0
8	Sulfated Ash, % by Mass (ASTM D-874)	<1.4	<1.4	<1.4	<1.4
9	PERFORMANCE STANDARDS	• API CI-4/SL • ACEA E5/E7-04 • MAN 3275-1 • MB-228.3 • VOLVO VDS-3 • RENAULT TRUCKS RLD-2 • MACK EO-N PP 03 • CUMMINS 20078 • Caterpillar ECF-2	• API CI-4/SL • ACEA E5/E7-04 • MAN 3275-1 • MB-228.3 • VOLVO VDS-3 • RENAULT TRUCKS RLD-2 • MACK EO-N PP 03 • CUMMINS 20078 • Caterpillar ECF-2	• API CI-4/SL • ACEA E5/E7-04 • MAN 3275-1 • MB- Approval 228.3 • VOLVO VDS-3 • RENAULT TRUCKS RLD-2 • MACK EO-N PP 03 • CUMMINS 20078 • Caterpillar ECF-2	• API CI-4/SL • ACEA E5/E7-04 • MB-228.3