

Typical Characteristics

SI No	Typical properties	SAE 10W- 40	SAE 15W-40	SAE 20W- 40	SAE 20W- 50
1	CCS Viscosity(ASTM D-5293)	<7000CP@-25°C	7000CP @°20-C	9500CP@-15°C	9500CP@-15°C
2	Kinematic Viscosity @ 40°C, cSt (ASTM D-445)	100-110	110-100	125-135	150-170
3	Kinematic Viscosity @ 100°C, cSt (ASTM D-445)	14.0-14.8	14.0-14.8	14.0-14.8	17.5-18.5
4	Viscosity Index (ASTM D-2270)	MIN 140	MIN 140	MIN 115	MIN 125
5	Flash Point, °C (ASTM D-92)	210	210	230	225
6	Pour Point, °C (ASTM D-97)	-34	-27	-21	-21
7	TBN ,mgKOH/g,MIN(ASTM D-2896)	8.0 min	8.0 min	8.0 min	8.0 min
8	Sulfated Ash, % by wt (ASTMD894-)	<1.1	<1.1	<1.1	<1.1
9	PERFORMANCE STANDARDS	• API CF/SJ • US-MIL-L2104- C • EDL3 OF BIS:2002)13656) • Caterpillar Series3 • Mack T8-A			

Typical Characteristics (Monogrades)

SI No	Typical properties	SAE 10W	SAE 30	SAE 40	SAE 50
1	CCS Viscosity(ASTM D-5293)	7000CP @-25°C	***	****	***
2	Kinematic Viscosity @ 40°C, cSt (ASTM D-445)	30-40	110-100	140-150	170-190
3	Kinematic Viscosity @ 100°C, cSt (ASTM D-445)	Min 5.0	11.5-12.0	15-15.5	18.5-19.5
4	Viscosity Index (ASTM D-2270)	MIN 100	MIN 100	MIN 105	MIN 115
5	Flash Point, °C (ASTM D-92)	Min200	240	240	230
6	Pour Point, °C (ASTM D-97)	-15	-15	-15	-15
7	TBN ,mgKOH/g,MIN(ASTM D-2896)	8.0	8.0	8.0	8.0
8	Sulfated Ash, % by wt (ASTMD894-)	1.1	1.1	1.1	1.1
9	PERFORMANCE STANDARDS	• API CF/SJ • US-MIL-L2104- C • DL3 OF BIS:2002)13656) • Caterpillar Series3 • Mack T8-A			