



Futrol Petrochem

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TECHNICAL DATA SHEET

SPECIFICATION OF ENGINE OIL

VISCOSITY GRADES FOR ENGINE OILS

	LOW TEMPERATURE	LOW TEMPERATURE	LOW-SHEAR-RATE	LOW-SHEAR-RATE	HIGH-SHEAR-RATE
SAE	(°C)	(°C)	Kinematic	Kinematic	Viscosity ⁽⁶⁾ (mPa.s)
Viscosity	Cranking	Pumping Viscosity,	Viscosity ⁵	Viscosity ⁵	
Grades	Viscosity ³ , mPa.sMax	mPa.sMax With No Yield Stress ⁴	(mm ² /S) at 100 ⁰ CMin.	(mm ² /S) at 100 ⁰ CMin.	At150 ⁰ CMin
0W	6200 at-35	60 000 at-40	3.8	-	-
5W	6600 at-30	60 000 at-35	3.8	-	-
10W	7000 at-25	60 000 at-30	4.1	-	-
15W	7000 at-20	60 000 at-25	5.6	-	-
20W	9500 at-15	60 000 at-20	5.6	-	-
25W	13000 at-10	60 000 at-15	9.3	-	-
8	-	-	4.0	<6.1	1.7
12	-	-	5.0	<7.1	2.0
16	-	-	6.1	<8.2	2.3
20	-	-	6.9	<9.3	2.6
30	-	-	9.3	<12.3	2.9
					3.5(0W-40,
40	-	-	12.5	<16.3	5W-40 and
					10W-40 grades)
					3.7(15W40,
40	-	-	12.5	<16.3	20W-40,
					25W-40,40grades)
50	-	-	16.3	<21.9	3.7
60	-	-	21.9	<26.1	3.7

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