

ENGINE OILS CATEGORIES

CI-4/SL QUALITIES

TŞ 05766698-25-2020



Indicators	The brand norm		
	SAE 10W-40 Turkmen Oil Ultra	SAE 15W-40 Turkmen Oil Ultra	SAE 20W-50 Turkmen Oil Ultra
Kinematic viscosity at 100°C, mm ² /c, within	13,0-15,0	13,0-16,0	17,0-21,0
Dynamic viscosity, mPa-s, no more	at minus 25°C 7000	at minus 20°C 7000	at minus 15°C 9500
Viscosity index, not less	140	130	120
Mass fraction of mechanical impurities,%, no more	0,015		
TBN, mg KOH per 1 g of the oil, at least	9,0		
	10,0		
Mass fraction of water,%, no more	0,03		
Mass fraction of sulphated ash,%, no more	2,0		
Evaporation at 250 ° C within 1 hour,%, no more	15		10
Flash point, determined in an open crucible, ° C, not lower	200	210	215
Pour point, ° C, not higher	minus 25	minus 20	minus 15
Corrosion resistance on a copper plate grade M 1 at 100 ° C, 3 hours, points, no more	1B 1b		
Foaming tendency / foam stability, cm3, no more:			
at 24°C	10/0		
at 94°C	50/0		
at 24°C after testing at 94°C	10/0		
Color diluted in the ratio 15:85, CNT units, not more than ASTM color, not more	4,0 4,0		
Density at 20 °C, g/cm ³ , no more	0,905		

NOTE - Sand and other abrasive substances are not allowed in mechanical impurities.