



Dilmar Starguard SAE 10 motor oil is designed to lubricate engines in heavy duty service, fueled by diesel, gasoline, propane, or compressed natural gas (CNG). It is suitable for some highway equipment and a wide range of off-highway applications, such as mining, forestry, construction, and farming. It also can be used in many stationary and marine applications. Dilmar Starguard SAE 10 is blended from 99.9 % pure base oils manufactured using the HT purity process and advances additive technology.

Features	Applications
<ul style="list-style-type: none"> • Reduces deposits of varnish, sludge and carbon on engine parts • Reduces wear due to abrasive soot particles • Improves lubrication because oil-ways stay clean • Reduces wear on rings, liners and valve-lifters • Extends engine overhaul intervals 	<p>Oils meet the warranty requirements of the following manufacturers in the SAE grade recommended by the manufacturer:</p> <p>Cummins, Mack, Detroit Diesel, Caterpillar (SAE 30 & 40 grades are suitable where Caterpillar 3600 is specified), John Deere, Navistar International, Allis-Chalmers, Case IH, Fiat-Allis, GMC, Volvo, White, Deutz, Continental, Hino, Komatsu, Perkins, Fairbanks Morse.</p>

TYPICAL PROPERTIES		
Property	Test Method	10W
Flash Point, COC, °C/°F	D92	194 / 381
Kinematic Viscosity cSt @ 40 °C / SUS @ 100 °F cSt @ 100 °C / SUS @ 210 °F	D445 D445	41.5 / 213 6.8 / 49
Viscosity Index	D2270	119
High Temp/High Shear Viscosity cP @ 150 °C	D4683	2.4
Cold Cracking Viscosity, cP @ °C	D5293	4,606 @ -25 -
Pour Point, °C / °F	D5950	-42 / 44
Borderline Pumping Viscosity, cP @ °C	D4684	9,670 @-30
Sulphated Ash, % wt	D874	1.0
Total Base No.	D2896	8.0