

THE VALUES SHOWN REFER TO NORMAL INDUSTRIAL PRODUCTION. THEY ARE APPROXIMATE AND SUBJECT TO POSSIBLE VARIATIONS AND IMPROVEMENT AND DO NOT CONSTITUTE TECHNICAL SPECIFICATION.



February 6, 2014

DESCRIPTION

Race car engines are subject to considerable thermal stress. Rotational speeds are very high and general operating conditions are particularly critical.

PROPERTIES

MONTERO CORSE is a product designed and realized specifically for competition engines. It is fully synthetic, with selected group IV bases that endure well the extreme temperatures at which the engine operates. The base's viscosity assures correct lubrication throughout the entire race. A synthetic, very well-performing additivation package protects the lubricant from premature oxidation, keeping the engine clean and efficient. In fact, overheating of the lubricant, if not opportunely countered by anti-oxidation components, causes the formation of sludge which tends to dirty the engine. Also, the detergent-dispersing part of the additivation keeps the segments as clean as possible, preventing cylinder wear.

Another key component is the synthetic polymer that allows to maintain excellent viscosymmetric values within a broad temperature range.

APPLICATIONS

The product is perfect for race car and gas-fueled car engines, even with direct injection and superchargers, which develop high temperatures and power during operation. The product proves to perform particularly well at high temperatures, when its anti-oxidation action is most effective and high thermal resistance is required. (Lubrication of turbocharger bearings involves temperatures even over 300°C.)

This product, as all those designed for racing, is considered “non-compliant” with existing specifications.