



DESCRIPTION

SYNECO PLR 113 RS is a fully synthetic lubricant designed to meet the requirements of racing 4T motorcycle engines. These feature high rotational speeds, high temperatures, and considerable mechanical strain.

During a race an engine goes through a continuous succession of complete “openings” and sudden closures of the valves. This makes it impossible to avoid lubricant degradation caused by gasoline spilling into the oil.

The oil, therefore, must be capable of enduring this kind of pollution, which typically occurs in racing. It is also important that the lubricant be able to resist the temperatures that are reached in the combustion chamber and that it guarantee the necessary lubricating layer to prevent seizing up or abnormal wear, thus assuring the engine’s reliability.

PROPERTIES

A fully synthetic lubricant formulated with a state-of-the-art additivation package and developed for motorcycle racing, where superior performance is required.

Excellent compatibility with gaskets, elastomers, and metal material.

By virtue of its high oxidation resistance, it guarantees engine cleanness and protection against wear at the high operating temperatures the oil is subjected to (over 120°C). The product also presents low volatility.

The viscosymmetric properties guarantee an excellent fluidity at cold temperatures and protection against long exposure to high temperatures.

APPLICATIONS

SYNECO PLR 113RS is particularly recommended for racing 4-stroke motorcycle engines operating at high temperatures (> 120°C) and for severe use.

APPROVAL AND SPECIFICATIONS

Since SYNECO PLR 113 RS is a product designed for racing purposes, it does not meet normal motorcycle oil specifications.

TECHNICAL CHARACTERISTICS

CHARACTERISTIC	UNIT	VALUE	METHOD
Kinematic viscosity at 100°C	cSt	22-24	ASTM D 445
Kinematic viscosity at 40°C	cSt	165-190	ASTM D 445
Viscosity index		150-160	ASTM D 2270

(The values shown above refer to normal industrial production. They are approximate and may be subject to variation and improvement.)

February 12, 2014