

TECHNICAL PRODUCT SHEET

# PRO GRD 2T FD



## DESCRIPTION

PRO GRD 2T FD is a high-performance two-stroke lubricant engineered for air-cooled garden machinery, this oil features a clean-burning, low-ash formulation that minimizes smoke generation and deposit formation within the combustion chamber and exhaust system. Its advanced additive package ensures exceptional component cleanliness and robust wear protection, even under sustained high-speed and high-temperature operating conditions. Designed for intensive or continuous duty cycles, it promotes reliable cold and hot starts while contributing to extended equipment service life and consistent operational efficiency.

## APPLICATIONS

PRO GRD 2T FD is formulated for high-performance two-stroke engines, whether air-cooled or water-cooled, delivering reliable lubrication across a broad temperature spectrum and under demanding operating conditions, including sustained high rpm, heavy loads, and variable speeds such as those encountered in moto-cross applications or prolonged idling. Its versatile chemistry makes it suitable for both oil-injection and premix lubrication systems, ensuring consistent film strength and combustion cleanliness. The oil can be blended at ratios specified by engine manufacturers, with a typical recommended oil-to-fuel mixture of 2% (1:50) to achieve optimal performance and protection.

## SPECIFICATIONS

JASO	FD	ISO	6743-15 (ISO-L-EGC)
JASO	FC	ISO	6743-15 (ISO-L-EGD)
JASO	FB	TISI	
API	TC	Piaggio Hexagon	

## PROPERTIES

PRO GRD 2T FD outstanding lubricity ensures strong film protection, while effective detergency, thermal stability, and low-ash additives maintain cleanliness. Superior anti-wear performance and stable gasoline premixing support reliable combustion and consistent engine operation.

## BENEFITS

PRO GRD 2T FD provides reliable protection across low- and high-speed operation, enhancing acceleration while controlling deposits and preventing sludge formation. Effective carbon management improves compression and reduces wear, minimizing piston scuffing. Cleaner combustion and low-smoke performance ensure extended engine life and consistent operational efficiency.



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## PHYSICAL-CHEMICAL CHARACTERISTICS

PRO GRD 2T FD	METHOD	
Density at 15°C, g/cm <sup>3</sup>	ASTM D4052	0.872
Viscosity, Kinematic (cSt) 100°C	ASTM D445	9.5
Viscosity, Kinematic (cSt) 40°C	ASTM D445	61.0
Viscosity index	ASTM D2270	137
TBN, mgKOH/g	ASTM D2896	1.9
Pour point, °C	ASTM D97	-30

The abovementioned characteristics represent mean values.

## STORAGE

All packages must be stored in covered, well-ventilated areas. If outdoor storage cannot be avoided, barrels must be placed horizontally to prevent water ingress and to protect labels and markings from damage. Products must not be stored at temperatures above 60 °C and must not be exposed to direct sunlight, freezing conditions, or extreme temperature fluctuations.



## HEALTH & SAFETY

This product is not considered to pose significant risks to health or safety when used as intended and in accordance with recommended personal hygiene practices. It must not be applied for purposes other than those for which it has been formulated. For detailed guidance on safe handling and use, refer to the Safety Data Sheet (SDS).



## USED OILS

Used lubricants must be collected at designated collection points to prevent environmental contamination. They must not be mixed with solvents, brake fluids, or antifreeze.

