



# MARINE WIRANGE

**MOTUL**





## INTRODUCTION

Unanimously recognized for more than 160 years for the quality of its products, its capacity for innovation and involvement in the field of competition, Motul is also acknowledged as the specialist in synthetic lubricants.

Passion is what unites lovers of engineering with their machinery, the same passion that Motul puts into innovation.

Throughout many years, Motul has gained experience as an official supplier to many racing teams and manufacturers and contributes with them to further technological development in motorsports.

Constantly exercising its right to invent, Motul displays a dedication to the best, from its suppliers, through its innovation to its clients. From Pennsylvania's first oil rig to the brand's latest laboratory, the unfolding quest for improvement fuels the company, day-to-day and innovation-to-innovation.

The ingenuity connection established between Motul and its community is the main key to achieving the unachievable, to pushing beyond common criteria and to fundamentally building long-lasting efficiency.

Supporting its customers' projects is the way that Motul makes its commitment to them, and in a way that no-one else would.

## WHY DO MARINE ENGINES REQUIRE SPECIFIC LUBRICANTS?

Marine engines are used in very different conditions from that of automotive engines. They are also operating at much cooler temperatures as their cooling systems use water from the surrounding environment such as lakes, rivers or sea water.

As a result, while running at full load but at low coolant temperature, these engines create thick deposits on spark plugs, pistons and ports.

This is the main reason why dedicated lubricants, specially formulated for Marine applications, are required for your engine to function securely in such conditions.

Specifications such as API (American Petroleum Institute) or NMMA (National Marine Manufacturers Association) guarantee the lubricant performance.



TC-W<sup>3</sup> Two Cycle Water cooled



Four Cycle Water cooled



# OUTBOARD ENGINES

4 STROKE  
2 STROKE

## 4 STROKE

### TECHNOSYNTHÈSE®



1L, 2L, 5L, 20L,  
60L, 208L

#### OUTBOARD TECH 4T 10W40



Lubricant developed for use in petrol Outboard 4-stroke engines, that operate under severe conditions. Formulated with anti-foam properties to avoid the introduction of foam and air bubbles into the oil circuit. Anti-clogging properties to protect oil filters.

**STANDARDS** API SJ/SG  
**APPROVALS** NMMA FC-W  
FB-23656K

#### OUTBOARD TECH 4T 10W30



1L, 2L, 5L, 60L



Lubricant for Outboard 4-stroke gasoline engines. Protects against corrosion due to sea water or salt water fog. Anti-foam and anti-clogging properties.

**STANDARDS** API SJ / SG  
**CERTIFICATIONS** NMMA  
FC-W FB-63311K

#### MARINE TECH 4T 25W40



1L, 5L, 20L



Lubricant for Outboard & Inboard 4 stroke gasoline engines. Reinforced with a synthetic base for better protection and longer engine life. Viscosity grade 25W-40 drastically improves wear protection during intensive engine use on a very large range of temperature.

**STANDARDS** API SL  
**CERTIFICATIONS** NMMA  
FC-W FB-13102J



# 2 STROKE

## 100% SYNTHETIC



### OUTBOARD SYNTH 2T



Lubricant developed for high performance 2-Stroke engines and direct injection 2-Stroke engines, reinforced with a synthetic and biodegradable base. Particularly recommended for uses under severe conditions and for racing application.

**STANDARDS** NMMA TC-W / WII, API TD / TSC 4  
**APPROVALS** NMMA TC-W3 RL-93399K  
**BIODEGRADABILITY** CEC L-33-A-93

## TECHNOSYNTHÈSE®



### OUTBOARD TECH 2T



Lubricant developed for Outboard 2-Stroke engines lubricated by premix or by oil injector and direct injection 2-Stroke engines. Formulation reinforced by a Technosynthese® base stock to improve protection and increase engine life. Exceeds the NMMA TC-W3 latest standard level which regroups the main Outboard and personal watercraft manufacturers. Particularly recommended for unleaded petrol. Blue colored for easy detection in petrol.

**STANDARDS** NMMA TC-W/ WII, API TSC 4  
**APPROVALS** NMMA TC-W3 RL-93938K

## MINERAL



### OUTBOARD 2T



Lubricant developed for Outboard 2-Stroke engines lubricated by premix or by oil injector. Suitable for unleaded petrol. Reduces friction and wear to increase engine life.

**STANDARDS** NMMA TC-W/ WII, API TSC 4  
**APPROVALS** NMMA TC-W3 RL-56623



# OUTBOARD ENGINES

## 4 STROKE



# 4 STROKE

## TECHNOSYNTHÈSE®

### INBOARD TECH 4T 10W40

2L, 5L, 208L



Lubricant reinforced with a synthetic base stock providing outstanding resistance at high temperature, easier flow at cold temperature and longer lubricant lifetime. Protects against corrosion due to moisture and salt, neutralizes acid combustion residues from fuel, and increases engine life.

**STANDARDS (Diesel)** ACEA E7 (E5/E3), API CI-4/CH-4/CG-4/CF-4 (exceeds API CD/CE/CF)  
**STANDARDS (Petrol)** API SG/SF  
**SPECIFICATIONS** CUMMINS 20071-20072-20076-20077-20078, MAN M 3275, Global DHD-1, MTU Type II, VOLVO, VDS-3 / VDS-2, CATERPILLAR ECF-1

### MARINE TECH 4T 25W40

1L, 5L, 20L



Lubricant for Outboard & Inboard 4 stroke gasoline engines. Reinforced with a synthetic base for better protection and longer engine life. Viscosity grade 25W-40 drastically improves wear protection during intensive engine use on a very large range of temperature.

**STANDARDS** API SL  
**CERTIFICATIONS** NMMA FC-W FB-13102U

### INBOARD TECH 4T 15W50

2L, 5L, 208L



Lubricant developed for Petrol inboard 4-stroke engines. Suitable for Diesel inboard engines, turbocharged or not.

**STANDARDS** API SH/SG/CD

## MINERAL

### INBOARD 4T 15W40

2L, 5L, 208L



Lubricant used in first fill and officially recommended by YANMAR France. Protects against corrosion due to moisture and salt, neutralizes acid combustion residues from fuel, and increases engine life.

**STANDARDS (Diesel)** ACEA E7 (E5/E3), API CI-4/CH-4/CG-4/CF-4 (exceeds API CD/CE/CF)  
**STANDARDS (Petrol)** API SG/SF  
**SPECIFICATIONS** CATERPILLAR ECF-1, CUMMINS 20071-20072-20076-20077-20078, MAN M 3275, Global DHD-1, MTU Type II, VOLVO VDS-3/VDS-2

4 STROKE  
2 STROKE

SENIOR





2 STROKE

100% SYNTHETIC

600 DIJET 2T 4L



High performance lubricant without solvent: 100% synthetic Ester base stock reduces friction for higher power output. Developed for racing, high performance 2-Stroke engines fitted with Direct Injection or carburetors.

STANDARDS: NMMA TC-W3, TC-WII / TC-W  
BIODEGRADABILITY: CEC L-33-A-93 / OECD 301B

TECHNOSYNTHÈSE®

POWERJET 2T 4L



Technosynthese® reinforced formulation for improved protection and longer engine life. Developed for 2-Stroke jet engines fitted with Direct Injection or carburetors, lubricated by premix or by oil injector. Developed for both leaded and unleaded petrol.

STANDARDS: NMMA TC-W3/TC-WII/TC-W

4 STROKE

TECHNOSYNTHÈSE®

POWERJET 4T 10W40 4L



Specially developed for personal watercraft 4-Stroke engines, turbocharged or supercharged. Leisure or racing use. Safe to use for catalytic converters and for leaded or unleaded petrol. Protects against salt fog corrosion.

STANDARDS API SJ

TRANSMISSION & COOLANTS



## TRANSMISSION

### TRANSLUBE 90



350ML



Mineral anti-emulsion gearing oil, specially formulated to lubricate outboard propeller boxes. High lubricating power to reduce frictions and wear. Perceptibly reduces box working noise. Extreme pressure, anti-foam, anti-corrosion and anti-emulsion properties.

### TRANSLUBE EXPERT 75W90



1L



Technosynthèse® lubricant specially developed for outboard big engine propeller boxes operating under heavy loads and low revolution speed, or moderate loads and high revolution speed. Formula reinforced with "Extreme Pressure" additive for efficient anti-wear protection, better resistance at high temperature, extended lifetime and synthetic base stocks to increase oil film resistance even in the most extreme conditions. Anti-corrosion, anti-foam and high anti-emulsion properties.

**STANDARDS** API GL-4 / GL-5  
MIL-L-2105D

### TRANSLUBE POWER 75W90



20L

100% Synthetic "Extreme Pressure" lubricant specially developed for outboard big engine propeller boxes operating under heavy loads and low revolution speed, or moderate loads and high revolution speed. Formula reinforced with Ester to increase oil film resistance even in the most extreme conditions. Very high lubricating properties to reduce friction and wear. Anti-corrosion, anti-foam and high anti-emulsion properties.

**STANDARDS** API GL-4/GL-5  
MIL-L-2105D

### DEXRON III



1L, 2L, 5L, 20L, 60L, 208L, 1000L



For all systems where DEXRON or MERCON standard is required.

**APPROVALS:** MAN 339 Type Z-1 & V-1 (339F), MB-Approval 236.5/236.9, VOITH 55.6335.32 (G607), ZF TE-ML/04D/14A  
**PERFORMANCES:** GENERAL MOTORS DEXRON III G, FORD MERCON, ALLISON C4, CATERPILLAR TO-2

## COOLANTS

### INUGEL OPTIMAL



1L, 5L, 20L, 208L, 1000L



Organic Acid Technology (OAT). Long-life technology. Freezing protection down to -37°C. 1L and 5L. Ready to use.

**PERFORMANCES:** BS 6580, MAN 324 Typ SNF, VOLVO PENTA 128 6063/002

Exists in concentrated formula – Inugel Optimal Ultra

### INUGEL EXPERT



1L, 5L, 20L, 60L, 208L, 1000L



Hybrid technology. Anti-corrosion. This product can be mixed with almost all monoethyleneglycol-based coolants. Freezing protection down to -37°C. 1L and 5L. Ready to use.

**PERFORMANCES:** BS 6580, AFNOR NFR 15-601, JASO M325, SAE J1034, MAN 324 Typ NF  
Exists in concentrated formula – Inugel Expert Ultra

# MANANCE



# MAINTENANCE

## ENGINE CLEAN



300ML



Cleans and protects the engine. Decreases oil and fuel consumption. Improves compression. To be added to the oil before drain.

## FUEL SYSTEM CLEAN



300ML



Cleaner specially formulated for fuel systems of Petrol engines. Strengthened action on valves, carburettors, injectors and combustion chambers. To be added to the fuel.

## DIESEL SYSTEM CLEAN



300ML



Cleaner specially formulated for fuel systems of Diesel engines. Reinforced action on valves, pumps, injectors and combustion chambers. To be added to the fuel.

## VALVE EXPERT



250ML



Lead substitute additive for engines requiring leaded petrol. To be added to the fuel.

## STABILIZER



250ML



Gasoline conservation additive protecting petrol from oxidation (winter storage, occasional use). To be added to the fuel.

## TRANSMISSION CLEAN



500ML



Formulated to clean all type of transmissions in preparation for an oil change. Removes sludge, varnishes and deposits, leaving the transmission thoroughly clean.

## VISION SUMMER INSECT REMOVER



5L



Ready-to-use windscreen washer. Cleans and degreases the windscreen, eliminates the greasy film without leaving any streaks or any glare. Compatible with plastic materials.

## NAUTIC GREASE



0,200KG,  
0,400KG,  
180KG



Technosynthese® high performance Extreme Pressure grease based on calcium soap. Lubricates and protects against wear and corrosion even in salt water. Highly adherent, insoluble in water. Consistency NLGI 2.

## TECH GREASE 300



0,400KG,  
50KG, 180KG



Very high performance multipurpose grease. Technosynthese® formulation based on complex lithium soap, with Extreme Pressure, anti-wear, anti-oxidation, and anti-corrosion additives. Excellent performances at high temperature. Long life duration, water resistant. Consistency NLGI 2.





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