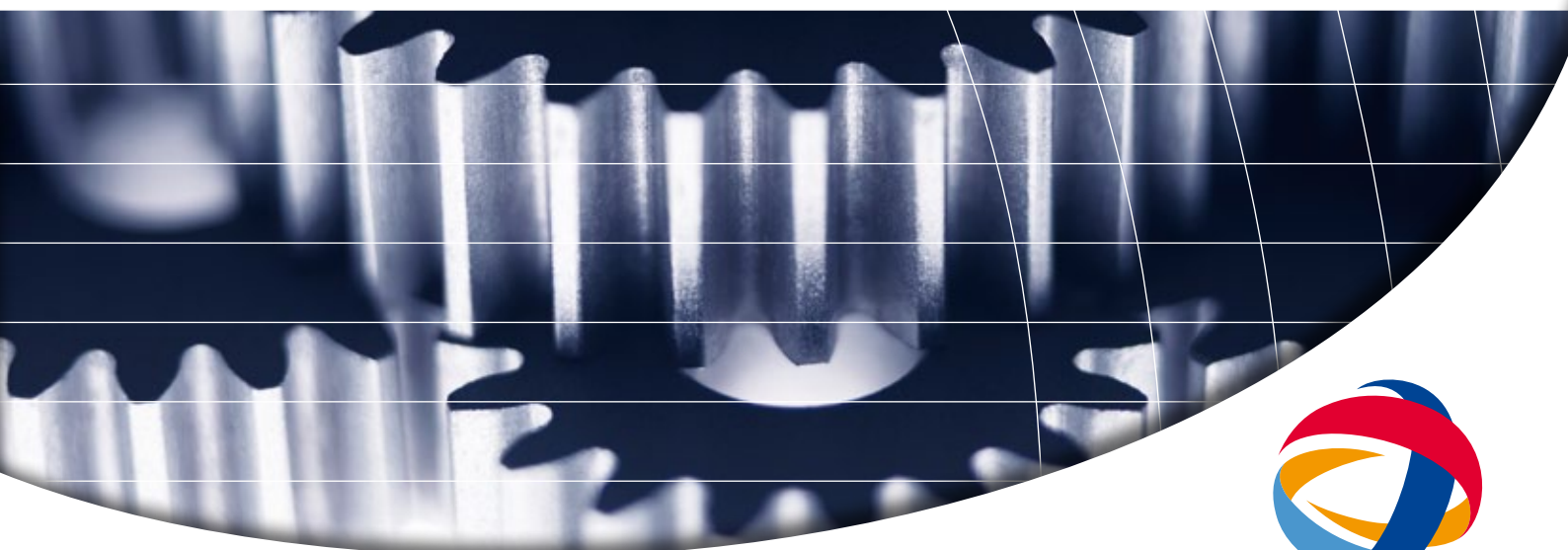
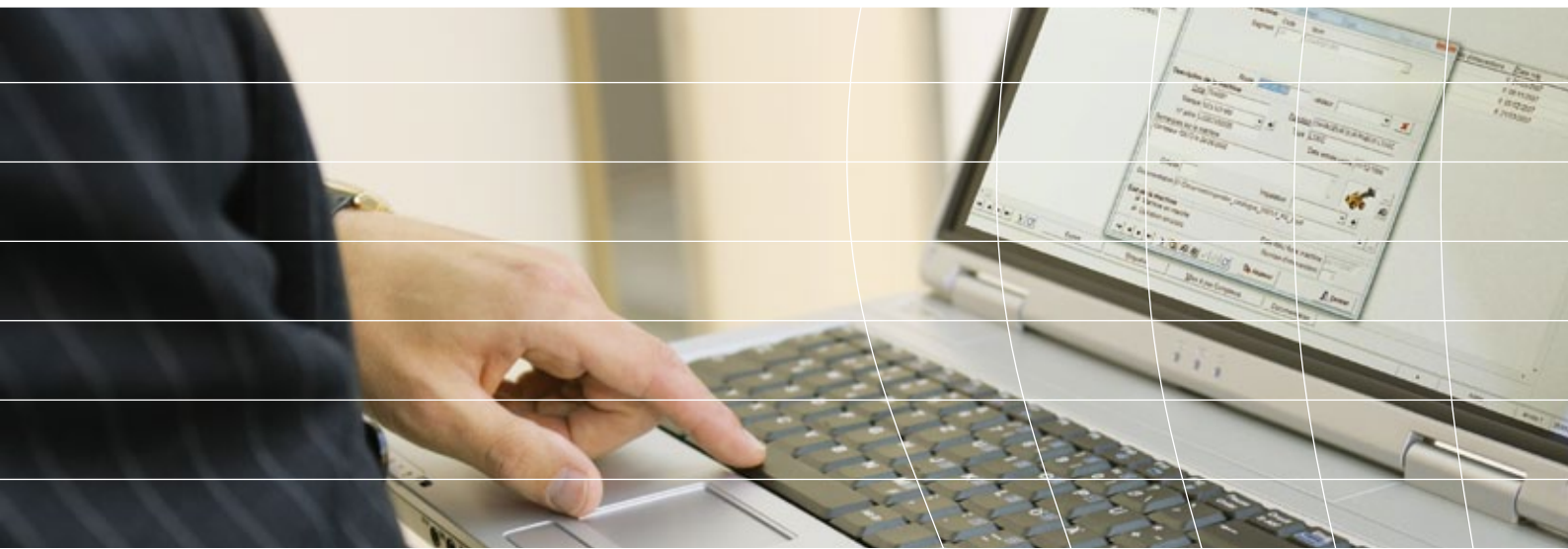
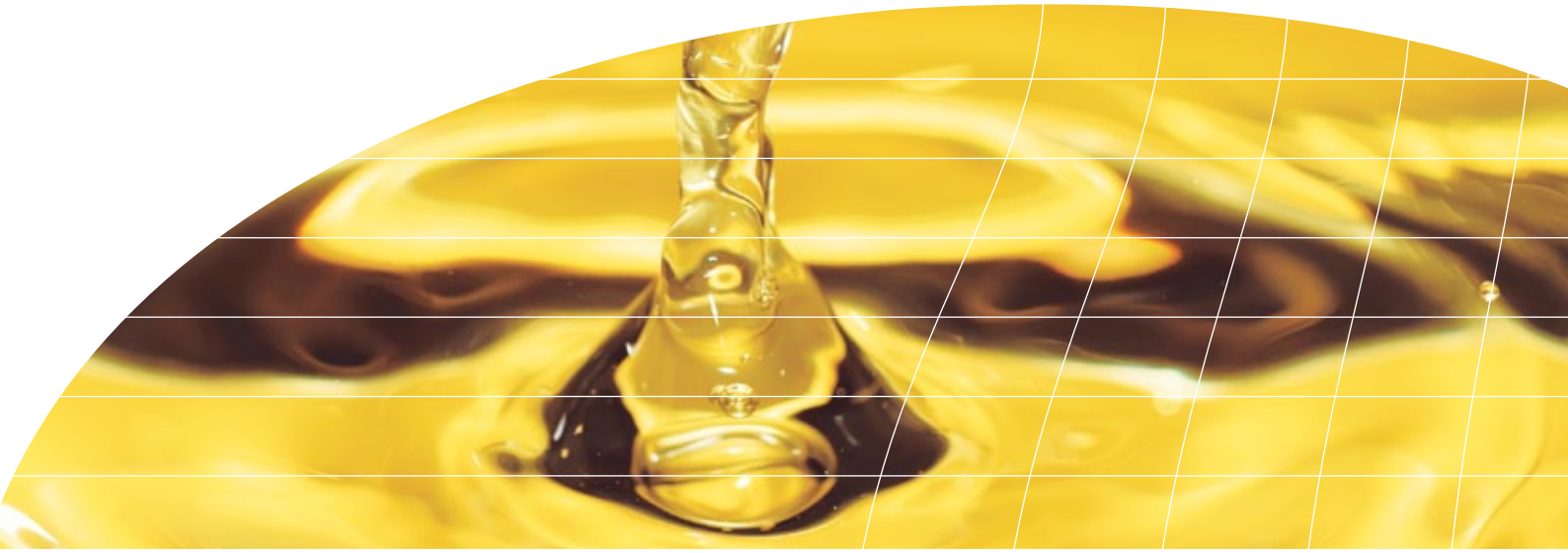


TIG XP 5 Maintenance Software

Simplify the management of your maintenance operations



TOTAL



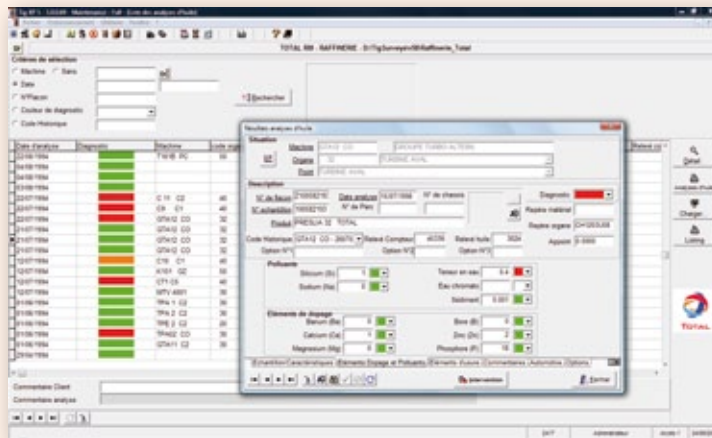
TOTAL

Increase your productivity with **our advanced maintenance program**

Organizing maintenance and lubrication is a highly complex task. It requires the evaluation of multiple parameters such as processing steps, equipments, tools, lubricants, maintenance operation intervals, manpower and more.

TIG XP 5 software for maintenance management is designed from the expertise of our engineers who deal on a daily basis with every aspect of maintenance operations.

- Available in **3 versions**: General Maintenance, Food Processing and Metalworking.
- Now in **13 languages**: English, French, German, Italian, Spanish, Portuguese, Dutch, Polish, Czech, Hungarian, Indonesian, Chinese and Korean.



■ Your advantages:

- **Reduce the complexity of maintenance management** to increase productivity and savings
- **Use only one software** to monitor each maintenance parameter, including oil analysis
- **Support your quality and safety processes** with the integrated management of documentation and the critical control points
- **Start quickly and easily** with our tailor-made implementation training and support courses

COMPUTER CONFIGURATION REQUIRED

- Windows 95, 98, NT, 2000 XP, Vista, 7
- Single-station or network environment
- Pentium 4 with 1 Gb minimum RAM
- Hard disk with 1 Gb minimum free space
- CD-Rom driver
- Colour screen with minimum resolution of 1024x768
- Printer driven by Windows



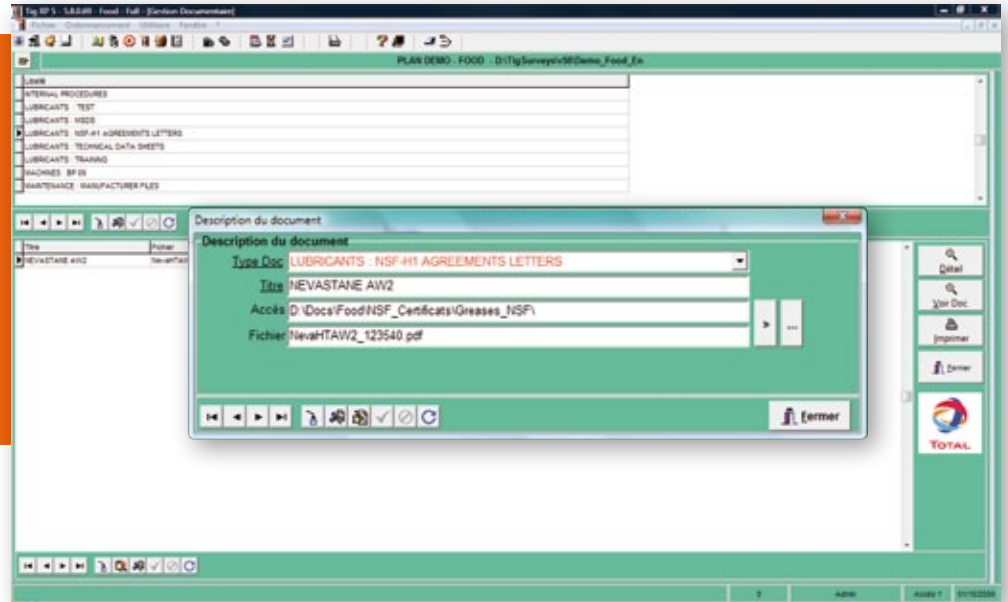
Special Food Processing

Dedicated to the Food related industries, the **TIG XP 5 FOOD** software facilitates the management of critical control points with HACCP in mind, in addition to the organization of maintenance in your plant.

TIG XP5 functions for general maintenance

+ HACCP management

+ Following up of food grade lubricants



Managing critical control points

HACCP	TIG XP5 FOOD
Risk management	<ul style="list-style-type: none"> • Printout of the maintenance plan on site • Acquisition in TIG
Definition of critical points	<ul style="list-style-type: none"> • Assignment of critical points
Definition of critical limits	<ul style="list-style-type: none"> • Assignment of NSF H1 lubricants • Definition of control analyses
Monitoring	<ul style="list-style-type: none"> • Preventive and conditional maintenance management
Corrective actions	<ul style="list-style-type: none"> • Corrective maintenance management
Verification	<ul style="list-style-type: none"> • Situation report: maintenance and critical points
Documentation (HACCP Plan)	<ul style="list-style-type: none"> • Document management • Maintenance records

Your advantages:

- **Use a single tool**, to manage your maintenance and lubrication in compliance with HACCP
- **Control food safety** throughout the production process
- **Facilitate the work of operators**, to avoid errors in machine lubrication
- **Easy access to data and certificates** during food safety audits



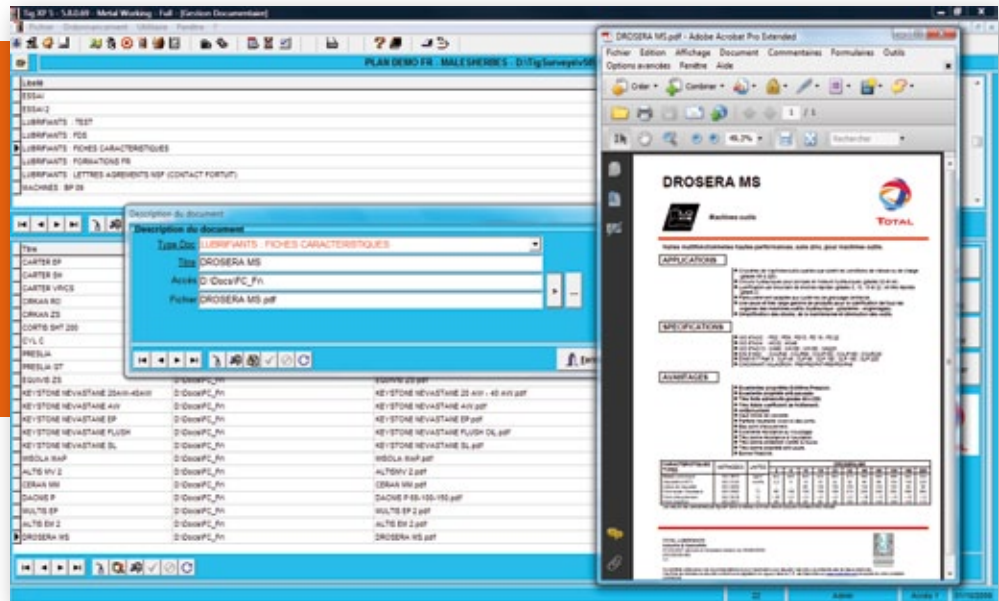
Special Metalworking

In Metalworking, fluid quality and tooling precision have a decisive impact on machining performance. With the **TIG XP 5 METALWORKING** software application, you can closely monitor the condition of the cutting tools and fluids used, in addition to supporting classical preventive, conditional and corrective maintenance parameters.

TIG XP5 functions for general maintenance

+ Cutting tools management

+ Fluid monitoring



Monitoring cutting tools and fluids

Cutting tool management

- Tool life evaluation as it relates to type of lubricant used, concentration and operation
- Export of values in a text or Excel® file

Management of water based metalworking fluids

- Tracking concentration parameters to maintain fluid systems
- Archiving all additions and concentration checks
- Recording and accumulating a continuous record of fluid consumed
- Export of values in a text or Excel® file

Your advantages:

- **Use a single tool**, to monitor all machining operations pertaining to maintenance
- **Optimize the performance and consumption** of fluids
- **Increase the efficiency and lifespan** of your equipment



General Maintenance

Functions of the TIG XP 5 program

Customized programming

- **Storage** of source data while developing a feasibility study
- **Simultaneous management** of several maintenance plans
- **Network** installation and data sharing ability
- **Definable user** privileges to match your internal organization

	<u>Access 1</u> Administrator	<u>Access 2</u> Operator	<u>Access 3</u> Read only
<ul style="list-style-type: none"> • Lubrication plan design • Update 	<input checked="" type="checkbox"/>		
<ul style="list-style-type: none"> • Schedule of maintenance operations • Validation 	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<ul style="list-style-type: none"> • Consultation of lubrication plan, records, actions, analyses, etc. • Print 	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Organizing preventive, conditional and corrective maintenance

- **Schedule** of real and simulated workloads
- **Records** of tasks performed
- **Reminder alarm** for repair order planning

Managing oil analyses

- **Automated sample** of lubricants in service with reminder alarm
- **Direct import** of analysis results performed by our laboratories (ANAC, ANAC INDUS, ANAC COOLANT, ANAC GAS, ANAC EXPERT)
- **Storage** of physicochemical characteristics, diagnoses and comments
- **Graphic trends** of the progression of each measured characteristic
- **Management** of equipment followed-up by analyses

Managing stocks of products

- **Forecasts** of lubricants and parts consumptions
- **Track** of consumptions
- **Management** of orders and deliveries

Integrated document management

- **Products:** technical data sheets, safety data sheets, etc.
- **Internal documents:** internal procedures, operating procedures, maintenance guide, etc.
- **External documents:** standards, legislation, etc.
- **Supplier contact** management

Analysing maintenance costs

- **Costs** of lubricants, spare parts, manpower
- **Export** of data files in Excel® or Access® formats for data analysis

4 good reasons for choosing TIG XP 5

Easy to use

TIG XP 5 uses the standard Windows® interface and provides immediately understandable indications for any user, even without any specific computer knowledge.

Complete

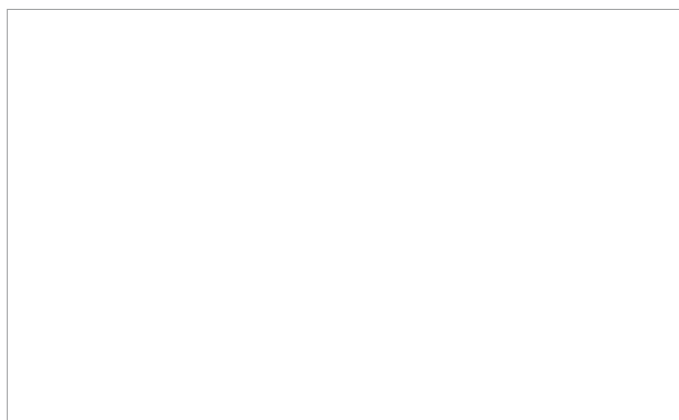
TIG XP 5 provides all the functions vital for optimal maintenance management. With just one tool, you can manage all the parameters that impact on production and maintenance costs.

Durable

TIG XP 5 has been developed by TOTAL lubricants for over 20 years. You can trust its durability and benefit from the softwares' evolution and advances.

Technical Support

In order for the users to operate TIG XP 5 to the best of its capacities, TOTAL lubricants provides specific training and technical assistance by lubrication specialists.



www.lubricants.total.com



You know where to turn

TOTAL