

A NEW DIVISION AT YOUR SERVICE

When Transfer Oil introduced, a few years back, an all-new range of multispiral UHP hoses, that was undoubtedly a milestone in our history, as well as a well-received news for the market. We knew this would have been only the first step in the direction indicated by our ambitious plan, the vision to become a point of reference in the UHP industry, a partner capable to provide not only flexible high pressure hoses, but also all the complementary products that, as much as the hose, contributes to the good functioning of a UHP system. It's because of this, that with great pride we announce our all new manufacturing division of steel parts for Ultra High Pressure.

In a completely renewed factory located in the same area where Transfer Oil has successfully manufactured flexible hoses for the past

four decades, we have now established our UHP Mechanical Division where, through the contribution of state of the art equipment's such as CNC horizontal machining center, multi-axis milling machines and fully computerized 3D precision measuring instruments, we are manufacturing and assembling our extensive range of UHP valves, adaptors, fittings and accessories all proudly made in Transfer Oil.

Our range is also completed by UHP Tubing and in this way making our product range wide enough to offer solutions for every UHP need in the industry.

This is Transfer Oil. In a nutshell, Pure Fluid Attitude.



Certification

ISO 9001:2008

One of the first companies in our industry to achieve certification of its Quality Management System in accordance with the internationally recognised standard ISO 9001.

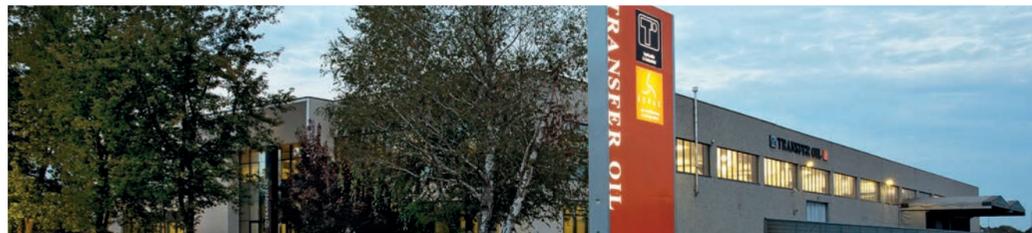
ISO 14001:2004

Environmental Management System in accordance with environmental standard ISO 14001. A very significant and voluntary step that Transfer Oil decided to undertake.

This commitment, respect and protection of the environment is a guarantee of added value to services and products that Transfer Oil SpA proudly offers and exports all over the world.

BS OHSAS 18001:2007

Occupational Health and Safety Management System in accordance with the British Standard OHSAS 18001. International practices to manage organically and systematically all issues concerning safety and health in the workplace to ensure compliance with current legislation.



TRANSFER OIL is today one of the most representative manufacturing players in the high pressure thermoplastic hose industry.

The company was founded in 1979 not far from the city of Parma, in Italy, the Unesco creative city of Gastronomy. Since its beginning, Transfer Oil produced reinforced thermoplastic hoses manufactured from the finest raw materials sourced from leading suppliers of premium engineering polymers and fibers. Transfer Oil products are the choice of the most significant distributors in our industry as well as renowned OEMs that can take great advantage of Transfer Oil direct product design capability, in house hose analysis and qualification.

With applications ranging from hydraulic systems, gas and fluid handling up to refrigeration and air conditioning, Transfer Oil products are used in several different industries.

Being qualified to assemble and proof test Ultra High Pressure products up to 6.000 bar / 90.000 psi, Transfer Oil is today the only independent hose manufacturer capable to offer to the market products covering virtually every pressure range that a thermoplastic hose can reach with the technology known today.

With a distinctive dedication for high technology, Transfer Oil products are manufactured in state

of the art facilities where health and safety, environment and quality are taken to the highest level. In our newest manufacturing facility the energy produced through the solar panels installed on its roof is enough to cover about one fifth of the entire plant annual energy consumption. Furthermore, thanks to an uncommon floor heating system – made of over 40 thousands meters of tubes integrated in the concrete floor – we can grant unmatched comfort for our people and, since no ventilation is required, we dramatically limited dust particles circulation resulting in a healthier environment and higher quality products.

Health & Safety is the first and most important product in our range, and it is not a coincidence that our products are trusted parts in very critical equipment. But safety is a top priority also in our plants where, for example, we introduced product manipulators eliminating heavy lifting operations for our people, allowing them to work in a safer, effortless and more ergonomic conditions.

Care for people and for the environment, an experienced team and an unrivalled range of products.

This is Transfer Oil, in a nutshell, Pure Fluid Attitude.



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Quick Reference Guide

TO UHP

MECHANICAL DIVISION VALVES ACCESSORIES AND ADAPTERS



TRANSFER OIL
Pure Fluid Attitude

NEEDLE VALVES

High pressure needle valves designed for liquid and gas flow control
From 1034 to 4137 bar (15000 to 60000 psi)

Temperature range
from -73°C to +315°C (-100°F to +600°F)

Connection available from 1/4" to 1" NPT or coned and threaded tube

Non rotating stem prevents galling and scoring

Stem sleeve and packing gland material are selected to achieve extended thread life cycle and reduced handle torque

Standard materials
SS 316L coldworked and glass filled PTFE packing



BALL VALVES

High pressure needle valves designed for liquid and gas flow control
From 1034 to 1378 bar (15000 to 20000 psi)

Temperature rangin
from -73°C to +315°C (-100°F to +600°F)

Connection available from 1/4" to 1" NPT or coned and threaded tube

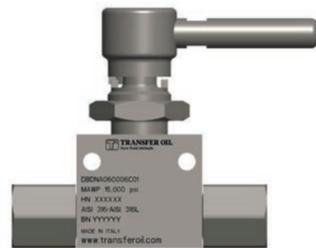
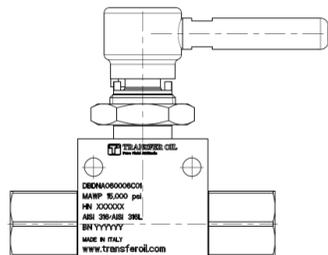
Peek ball seats

Cold-worked standard materials SS 316L

Bi-directional flow capabilities

Viton O-ring

Panel mounting



ACCESSORIES

Complete range of accessories
From 1034 to 4136 bar (15000 to 60000 psi)

Connections
NPT or coned threaded connections

Available sizes from 1/4" to 1"

Standard material
Stainless steel 316 L

Soft and ball check valves
Elbow
Tee
Cross
Union Coupling
Bulkhead Coupling
Cap
Plug
Anti-Vibration Gland

Collar and Gland nut
Nipples



EQUIPMENT



Through the contribution of state of the art equipment's such as CNC horizontal machining center, multi-axis milling machines and fully computerized 3D precision measuring instruments, we are manufacturing and assembling our extensive range of UHP valves, adaptors, fittings and accessories all proudly made in Transfer Oil.

Pipes and threaded nipples are available in various dimensions (1/4" - 3/8" - 9/16" - 3/4" - 1") and WP of 20000 and 60000.

Different dimensions and WP up to 100k psi will be available soon.

ADAPTERS

Complete range of adapters - Connection Sizes from 1/4" to 1"
From 1034 to 4136 bar (15000 to 60000 psi)

Connections
NPT or coned threaded connections

Available sizes from 1/4" to 1"

Standard material
Stainless steel 316 L

Soft and ball check valves
Elbow
Tee
Cross
Union Coupling
Bulkhead Coupling

Cap
Plug
Anti-Vibration Gland
Collar and Gland nut
Nipples



Standard connections Side A - Side B	B					
	NPT	MP	HP	BSP	JIC	TYPE M
NPT - National Pipe Threaded	x	x	x	x	x	x
MP - Medium Pressure	x	x	x	x	x	x
HP - High Pressure	x	x	x	x	x	x
BSP - British Standard Pipe	x	x	x	x	x	x
JIC - Joint Industry Council Threaded	x	x	x	x	x	x
TYPE M - Metric Threaded (M Hose)	x	x	x	x	x	x

QUALITY & TRACEABILITY

