



# TRANSFER OIL

Pure Fluid Attitude



## 141 - VHP 10000 TWIN

Thermoplastic hose MSHA approved with combined reinforcements for very high pressure hydraulic applications from 350 to 700 bar (5000 to 10000 psi)



### FEATURES

#### Inner Tube

Polyester elastomer

#### Reinforcement

One or two braids of aramid fiber plus one braid of steel wire

#### Cover

Polyurethane - black - non pinpricked - laser branding

#### Applications

Rescue and safety equipment - High pressure systems and pumps  
- Bolt tensioning tools - Jacking and rerailing equipment

#### Features

Combined Aramid Steel braid construction for compact design -  
Lightweight and flexible - Light bend radii for use on hose reels  
and in tight environments - Antiabrasion cover.

#### Description

Exceeds the former American Jacking Specifications IJ100 (1/4") - Very High Pressure hose suitable for petroleum or synthetic or water based hydraulic fluids in hydraulic systems - Combined Aramid Steel braid ensures longevity pressure performance and compact design. Approved by MSHA - Mine Safety and Health Administration - number IC-305.


#### Temperature Range

-40 °C to 100 °C (-40 °F to 212 °F): limited to 70 °C (158 °F) for air and water based fluids

#### Vacuum Rating

-0,93 bar; -700 mm Hg|-13,5 psi; -27,5 inch Hg

#### Standard Branding

 **TRANSFER OIL** - TO HYDRAULIC - Part No - VHP 10000 TWIN - Inch Size - DN Size - WP bar / psi - MSHA IC-305 - MADE IN ITALY - [www.transferoil.com](http://www.transferoil.com) -

Part no.	DN	Inches	Dash	ID (mm)	OD (mm)	WP (bar)	BP (bar)	ID (inch)	OD (inch)	WP (psi)	BP (psi)	SF	BR (mm)	BR (inch)	Weight (gr/m)	Weight (lb/ft)	Ferrule standard	Ferrule A316L
1412	DN6	1/4	-4	6.6	12.7	700	2800	0.260	0.500	10000	40000	4:1	35	1.38	367	0.247	SAF121	SAF821
1414	DN10	3/8	-6	9.8	18.9	700	2800	0.386	0.744	10000	40000	4:1	90	3.54	663	0.446	SAF141	SAF841

Dimensions and values shown may be changed without prior notice to improve product performances and reliability.

Transfer Oil S.p.A. assumes no liability on mistakes nor errors appearing in this spec sheet.

Document date: 01/04/2025

[www.transferoil.com](http://www.transferoil.com)