



# TRANSFER OIL

Pure Fluid Attitude



## 150 - HDH - HEAVY DUTY HYDRAULIC - STEEL ARMoured

Thermoplastic hose with MSHA approved cover and combined reinforcement, for high pressure hydraulic applications from 250 to 500 bar (3600 to 7200 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

General hydraulic applications requiring high mechanical protection properties of hose and braid combined with high pressure - Construction equipment - Hoisting and handling equipment - Machine tools

#### Features

Rugged construction for heavy duty application and prolonged lifetime - Combined reinforcement offers low volumetric expansion and optimum change in length characteristics - Abrasion resistant

#### Description

High pressure hose suitable for petroleum synthetic or water based hydraulic fluids in hydraulic systems. Suitable for general fluid power transmissions like earthmoving, forklifts - heavy duty construction machinery, hoisting and handling equipment, high pressure equipment - Steel braid design offers very high mechanical strength which prolongs lifetime of the hose in harsh conditions - Cover 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

#### Specifications

Exceeds SAE 100R8 // EN855-R8 // ISO3949-R8 pressure rating

#### Standard Branding

**T** TRANSFER OIL - TO HYDRAULIC - Part No - HDH - HEAVY DUTY HYDRAULIC STEEL ARMoured - Inch Size - DN Size - WP bar / psi - MSHA IC-305 - MADE IN ITALY - www.transferoil.com - QQ/YY - Batch No

| 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 |
|----------|------|--------|------|---------|---------|----------|----------|-----------|-----------|----------|----------|-----|---------|-----------|---------------|----------------|------------------|---------------|
| 1502     | DN6  | 1/4    | -4   | 6.5     | 12.6    | 500      | 2000     | 0.256     | 0.496     | 7200     | 28800    | 4:1 | 40      | 1.57      | 179           | 0.120          | SAC121           | SAC821        |
| 1504     | DN10 | 3/8    | -6   | 9.7     | 16.9    | 420      | 1680     | 0.382     | 0.665     | 6000     | 24000    | 4:1 | 60      | 2.36      | 282           | 0.189          | SAC141           | SAC841        |
| 1505     | DN12 | 1/2    | -8   | 13.0    | 20.5    | 350      | 1400     | 0.512     | 0.807     | 5000     | 20000    | 4:1 | 80      | 3.15      | 341           | 0.229          | SAC151           | SAC851        |
| 1506     | DN16 | 5/8    | -10  | 16.3    | 25.1    | 250      | 1000     | 0.642     | 0.988     | 3600     | 14400    | 4:1 | 115     | 4.53      | 488           | 0.328          | SA5161           | SA5861        |
| 1507     | DN20 | 3/4    | -12  | 19.5    | 28.7    | 250      | 1000     | 0.768     | 1.130     | 3600     | 14400    | 4:1 | 150     | 5.91      | 568           | 0.382          | SA5171           | SA5871        |

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