

Key Benefits

- **Recommended for steel tube umbilical testing and storage**
- **Excellent corrosion protection (liquid & vapor phase)**
- **Recommended for equipment and manifold storage**
- **Resistance to microbial infection**
- **Fully soluble with Oceanic HW500 Series, HW500P Series, HW500E Series, HW443, HW700 Series & XT900**
- **Outstanding stability with high levels of seawater ingress**
- **Meets stringent global environmental acceptability regulations**
- **Manufactured to NAS 1638/AS 4059 Class 6/6b-f or better cleanliness**
- **Free Fluid Monitoring programme available**

Description

High-performance, ready-to-use water-based umbilical test and storage fluids. Oceanic SST5007 fluids contain effective corrosion inhibitors, offer freeze protection and have excellent compatibility with water based subsea production control fluids.

Oceanic SST5007 fluids are soluble with Oceanic HW production control fluids and injection chemicals. SST5007M includes a higher glycol content to ensure optimal performance in different geographical regions.

Approvals

Oceanic SST5007 fluids are industry standard products and meet equipment manufacture requirements.



Typical Physical Properties

	Oceanic SST5007	Oceanic SST5007M
Appearance	Clear Pink Fluid	Green Mobile Fluid
pH	11.2	11.2
Specific Gravity @15.6°C	1.05	1.08
Kinematic Viscosity (cSt)		
0°C (32°F)	7.7	12.3
-20°C (-4°F)	3.3	5.3
40°C (104°F)	1.8	2.9
Pour Point	-23°C (-10°F)	-46°C (-50°F)

For further recommendations, technical information, Health & Safety data sheets, OEM or environmental approvals, email wigansales@macdermid.com

THE CONTROL FLUID TECHNOLOGY LEADER

Oceanic SST5007 Series | Issue No. 10 Date: Aug 2011 | www.macdermid.com/offshore



OCEANIC SST5007 SERIES

Environmental Information

MacDermid maintains worldwide environmental approvals and can offer Oceanic Storage fluids suitable for use in every exploration and production region around the world. The current environmental status of Oceanic SST5007 fluids in your area can be obtained from our environmental specialists.

Storage

Oceanic SST5007 fluids should be stored in dry conditions, ideally out of direct sunlight. Normal storage temperature range is 5 to 40°C.

Material Compatibility

Oceanic SST5007 fluids contain performance additives which ensure high levels of compatibility with materials typically used in subsea production control equipment. Extensive material compatibility tests have been performed with Oceanic SST5007 fluids.

Ferrous metals (cast iron, carbon steel,Compatible
low & high alloy steels, stainless steels...)

Non-ferrous metals (copper, brass, bronzeCompatible with alloys typically used in subsea production control equipment.
and other metals and alloys*) Avoid Zn, Cd, Pb and Mg metals. Aluminum should be hard anodized.

Coatings and ceramic materialsAvoid porous coatings. Compatible with most ceramic parts. Check ceramic coatings

Packaging & sealing materialsCompatible with standard NBR, HNBR, FFKM, VMQ/FMVQ, CR, TFE/PTFE, PEEK.
(elastomers and thermoplastics*) Some FKM & AU/EU/PU have proven to be incompatible

Umbilical hose liner thermoplasticsCompatible with Nylon 11, PE and Polyether ester copolymers

Absorbent gasket materials Avoid cork, leather, cotton impregnated materials

PaintsAvoid painting internal surfaces
Cured epoxy, phenolic and nylon based paints are satisfactory. Avoid less resistant
paints as they soften. Wash spillages immediately with water

Filter elementsPolypropylene and glass fiber filter elements recommended over paper filters

* As material compatibility varies from compound to compound and supplier to supplier, consult supplier for recommendations or request specific compatibility tests.

MacDermid Offshore Solutions A Subsidiary of MacDermid Group

Manufacturing Locations

United Kingdom

MacDermid Offshore Solutions UK
Cale Lane, New Springs
Wigan
WN2 1JR
Tel: +44 (0)1942 501000
Fax: +44 (0)1942 501110
E-mail: wigansales@macdermid.com

USA

MacDermid Offshore Solutions Ltd
223 N Brockman
Pasadena, TX 77506
USA Tel: (US) 800 521 2589
Outside US: +1 713 472 5081
Fax: 713 472 2440
E-mail: offshoreorders@macdermid.com

Brazil

MacDermid Anion
Rua Eli Walter Cesar, 110
Jd Alvorada
Jandira, São Paulo
Cep.: 06612-130
Tel: +55 11 4789 8585
E-mail: offshoreorders@macdermid.com

Australia

MacDermid Offshore Solutions
29 Dennis Street
Campbellfield, Melbourne
Victoria 3061
Tel: +61 3 9303 5150
Fax: +61 3 9303 5166
E-mail: wigansales@macdermid.com

For further recommendations, technical information, Health & Safety data sheets, OEM or environmental approvals,
email wigansales@macdermid.com

THE CONTROL FLUID TECHNOLOGY LEADER

Oceanic SST5007 Series | Issue No. 10 Date: Aug 2011 | www.macdermid.com/offshore



Oceanic SST5007 Series