

RIDE THE DUCKS INTERNATIONAL
Fleet Operations & Safety
2320 West Highway 76
Branson MO 65616

Bulletin No. SB-00-3-14
Release Date: 3/31/14
Effective Date: 3/31/14
Supersedes: N/A

Applicable to: All Ducks
Total Pages: 2

SERVICE BULLETIN

REASON FOR RELEASE: As a precautionary measure due to a pinhole found in one of the two remote oil filter hoses and if left undetected could result in engine failure/damage. The original hoses installed on this particular Duck are the USCG approved type. There is no evidence of chafing or damage that would warrant a change in any arrangements or hose type. Based on operational experience the hose recommended in this bulletin is currently the best suited for the application. The hose that developed a pinhole was installed in 2006, and while there has been no reports of other hose failures, we are cautioning maintenance staff to check all remote oil filter hoses, particularly those reaching an 8 year service life.

DIRECTIONS: The remote oil filter hoses should be of marine grade. Inspect all applicable hoses in your fleet and replace hoses which are not listed as meeting J1942 and USCG approved. Provided below is a recommended type, however, other brands meeting the same specifications are acceptable. This inspection should be documented and the daily monitoring of these hoses should continue. If you have any questions regarding approved type hoses, contact Fleet Operations or your local OCMI. See page 2 for USCG approved hose reference guide.

NOTE: All work must be performed by qualified personnel. Use only authorized components, specified or provided by Ride The Ducks. All applicable OSHA safety standards and safe industry practices must be observed. Observe all safety information contained in the manufacturers manuals. Make available this bulletin and all related technical information to personnel using the equipment.

[CONTACT US VIA EMAIL](#)
RTDI FLEET OPS HOTLINE: 417 266 7676
RTDI PARTS: 417 266 7626

RIDE THE DUCKS INTERNATIONAL
Fleet Operations & Safety
2320 West Highway 76
Branson MO 65616

Bulletin No. SB-00-3-14
Release Date: 3/31/14
Effective Date: 3/31/14
Supersedes: N/A

Applicable to: All Ducks
Total Pages: 2

**GATES HYDRAULICS**

G1H 1-Wire Braid Hose—High-Temp—SAE 100R1 Type AT Medium Pressure

(Meets Flame Resistance Acceptance Designation "MSHA 2G")

Recommended For: Medium pressure hydraulic oil lines. Meets or exceeds requirements of SAE 100R1 Type AT.

Tube: Black, oil resistant, synthetic rubber (Nitrile - Type C). See Hose Stock Characteristics.

Reinforcement: One braid of high-tensile steel wire.

Cover: Black, oil and abrasion resistant, synthetic rubber (Hypalon® - Type M).

Temperature Range: -40°F to +275°F (-40°C to +135°C) constant and +300°F (+149°C) intermittent (up to 10% of operating time). For water emulsions see Temperature Limits Table.

Coupling Recommendation (See Crimp Data Manual 35019 or E-crimp):
GSP Couplings (-24 and -32) (Section E)
MegaCrimp® Couplings (except -24 and -32) (Section G)
Stainless Steel "B" Couplings (-24 and -32 only) (Section H)



Description	Product No.						Weight (Lbs.)
4G1HXREEL	4657-2175	1/4	0.53	2,750	11,000	4.0	.16
6G1HXREEL	4657-2176	3/8	0.69	2,250	9,000	5.0	.25
8G1HXREEL	4657-2177	1/2	0.80	2,000	8,000	7.0	.30
10G1HXREEL	4657-2178	5/8	0.94	1,500	6,000	8.0	.36
12G1HXREEL	4657-2179	3/4	1.10	1,250	5,000	9.5	.44
16G1HXREEL	4657-2180	1	1.41	1,000	4,000	12.0	.63
20G1HXCTN	4657-0940	1 1/4	1.71	925	3,700	16.0	.93
24G1HXCTN	4657-0934	1 1/2	1.96	725	2,900	20.0	1.06
32G1HXCTN	4657-0935	2	2.51	600	2,400	25.0	1.50

† Hypalon® is a Registered Trademark of DuPont.

NOTE: All work must be performed by qualified personnel. Use only authorized components, specified or provided by Ride The Ducks. All applicable OSHA safety standards and safe industry practices must be observed. Observe all safety information contained in the manufacturers manuals. Make available this bulletin and all related technical information to personnel using the equipment.

[CONTACT US VIA EMAIL](#)
RTDI FLEET OPS HOTLINE: 417 266 7676
RTDI PARTS: 417 266 7626

RIDE THE DUCKS INTERNATIONAL
Fleet Operations & Safety
2320 West Highway 76
Branson MO 65616

Bulletin No. SB-00-3-14
Release Date: 3/31/14
Effective Date: 3/31/14
Supersedes: N/A

Applicable to: All Ducks
Total Pages: 2

Agency Specifications and Hose Selection Guide

INDUSTRY AGENCIES

ABS — American Bureau of Shipping
AS — Australia Standard
DIN — Deutsch Industry Norm, German
DNV — Det Norske Veritas for North Sea Floating Vessels
EN — European Norm/Standard
GL — Germanischer Lloyds
IJS — Industrial Jack Specifications

RCCC — Regular Common Carrier Conference for Fleet Truck and Bus
SAE — Society of Automotive Engineers

GOVERNMENT AGENCIES

DOT/FMVSS — U.S. Department of Transportation/
Federal Motor Vehicle Safety Standard
MSHA — U.S. Mine Safety and Health Administration
USCG — U.S. Coast Guard

Meets These Agency Specifications

Hose Type	ABS	AS	DIN	DNV	EN	GL	IJS	RCCC	SAE	DOT/ FMVSS	MSHA	USCG J1942	
												Fuel Oil	Power
EFG6K, G6K	X	X	20023 4SH/4SP	X	EN 856 4SH/4SP	X			100R15		X		X
EFG5K, G5K	X	X	20023 4SH/4SP	X	EN 856 4SH/4SP	X			100R13		X		X
EFG4K, G4K	X	X	20023 4SP	X	EN 856 4SP	X			100R12		X		X
EFG3K, G3K	X		20023 4SP		EN 856 4SP	X			100R12		X		X
M5K		X		X		X							
M4K+	X	X		X		X			100R19		X		X
M4KH	X					X			100R19		X		X
G2XH									100R2 Type AT		X		X
G2AT-HMP									100R2 Type AT		X		X*
M2T*	X	X		X	EN 853 2SN				100R16		X		X
M2T* Plus					EN 853 2SN				100R16		X		
CM2T				X	EN 857 2CS	X			100R16		X		
G2		X	20022 2SN	X	EN 853 2SN	X			100R2 Type AT		X		X
G2H		X		X	EN 853 2SN				100R2 Type AT		X	X	X
J2AT							X				X		
M3K	X	X		X	EN 857	X			100R17		X		X
M3K -12, -16	X	X		X	EN 857	X			100R17, 100R9		X	X	X
G1		X	20022 1SN	X	EN 853 1SN	X			100R1 Type AT		X		X
G1H				X	EN 853 1SN				100R1 Type AT		X	X	
MegaTech™									J1402, J1405	106-74 (-4 to -10)			
TR500									J1402	106-74			
NABT									J844				
C5C								RP305(B)	100R5	106-74 Type All (-4 to -10)			
C5E									J1405	106-74 Type All			
C5D									J1405	106-74 Type All			
C5M	X								J30R2, J1527		X	X	
G3H					EN 854 R3				100R3				
GTH, GTHX					EN 854 R6				100R6				
GMV	X*	X							100R4		X		X
L0L											X		
THERMOPLASTIC TH7, TH7NC*** TH8, TH8NC TH18, TH18NC									100R7 100R8 100R18				
C14									100R14				
REFRIGERANT PolarSeal® AC134a									J51 Type 2, J2064				
POWER STEERING PS188									2050				

NOTE: All work must be done by Ride The Ducks. All information contained herein is for personnel using the

information provided by Ride The Ducks. Observe all safety information to

* Except 1/4"
** Except 3/8" & 1/2"

*** TH7NC meets ANSI A92.2 for vehicle mounted aerial devices (-3 to -8)
@ to be used with a fire sleeve

[CONTACT US VIA EMAIL](mailto:info@ride-the-ducks.com)
RTDI FLEET OPS HOTLINE: 417 266 7676
RTDI PARTS: 417 266 7626