



**PRODUCT APPROVAL OF PACKAGING
FOR TRANSPORTATION OF DANGEROUS GOODS
CERTIFICATE NO.: NET0356B**

HOLDER OF CERTIFICATE:

Greif Sweden AB

MANUFACTURER: Greif Sweden AB, Box 23, SE-311 23 Falkenberg, Sweden

MARKING ON PACKAGING:  **3H1/X1.8/250/YR/N/NET0356B - ID**

"YR" to be replaced with the two last digits of the year.

"ID" to be replaced by any identification as decided by the manufacturer.

The packaging shall also be appropriately marked with the month of the manufacture.

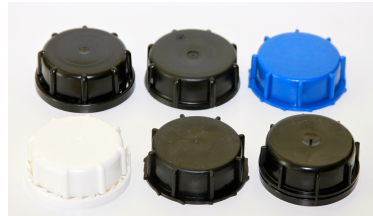
PRODUCT:

Packaging code / Volume	Description	Drawings	Material
3H1 / 15 l	Plastics jerricans, non-removable head	FB-0030 Rev.A	HDPE
3H1 / 20 l	Plastics jerricans, non-removable head	4601009 Rev. 03	HDPE

CLOSING MECHANISM:

#: Closure type	Producer	Drawings	Material	Gasket	Torque
1: Screw cap 60 mm	Tri-Sure	TSF-504904	HDPE	Expended PE, O-ring	25 Nm
2: Screw cap 60 mm	Tri-Sure	F4P-2015	HDPE	Oblat PE	25 Nm
3: Screw cap 60 mm	Tri-Sure	F4P-2015	HDPE	Expended PE, O-ring	25 Nm
4: Screw cap, vented, 60 mm	Tri-Sure	TSF-504351	HDPE	Expended PE, O-ring	25 Nm
5: Screw cap 60 mm	Greif Sweden AB	F4P-2015	Borealis BS2581	Expended PE, O-ring	25 Nm
6: Screw cap 60 mm	Greif Sweden AB	F3P-2569	Borealis BS2581	Expended PE, O-ring	25 Nm
7: Screw cap 60 mm	Bergi Plast	-	HDPE	EPE 300	25 Nm
8: Screw cap 60 mm	Westphal Lange	-	HDPE	Alkozell	25 Nm
9: Screw cap 60 mm	Westphal Lange	-	HDPE	Alkozell	25 Nm

10: Screw cap 60 mm	Greif Sweden AB	-	HDPE	EPE 300	25 Nm
11: Screw cap 60 mm	Kunststoff- technik	-	HDPE	PE	25 Nm
12: Screw cap 60 mm	Procap	-	HDPE	Induction liner	25 Nm
13: Screw cap 25 mm	Modulpac	25PMO Rev.3	HDPE	PET/Alkozell/PE T	3 Nm
14: Screw cap 60 mm	Procap	BV0600C B	HDPE	ALU30my/PET12 my/PE60my	25 Nm



DIMENSIONS:

#: Packaging weight, g	Volume, l	Height, mm	Width, mm	Length, mm	Neck size, mm
1: 1034 - 1365	20.0	386	247	292	60
2: 1160 - 1365	20.0	386	247	292	60
3: 1200 - 1365	20.0	386	247	292	60
4: 1300 - 1365	20.0	386	247	292	60
5: 1080-1134	20.0	386	247	292	60
6: 888 - 1171	15.0	310	247	292	60
7: 996 - 1171	15.0	310	247	292	60
8: 1030 - 1171	15.0	310	247	292	60
9: 1116 - 1171	15.0	310	247	292	60
10: 927 - 973	15.0	310	247	292	60

APPROVAL:

NET issues the certification on described product according to delegated authority from Norwegian Directorate for Civil Protection and Emergency Planning (DSB): Legal regulations for Transportation of Dangerous Goods on road and railway - 06/6950-7/BJRU.

REGULATIONS BASED UPON FOR APPROVAL:

UN Recommendations on the Transport of Dangerous Goods.
 ADR, European Agreement concerning the International Carriage of Dangerous Goods by Road.
 RID, International Regulations on Transport of Dangerous Goods by Rail.
 IMDG, International Maritime Dangerous Goods Code, for sea transport.
 ICAO Technical Instructions for the Safe Transport of Dangerous Goods by Air.
 IATA Dangerous Goods Regulations, for the air transport.

APPROVAL IS VALID FOR:

The packaging is valid for packaging group I, II and III containing liquid substances that do not adversely affect the packaging materials. Max. vapour pressure at +50°C is 200 kPa. Permeability test has been carried out according to ADR 6.1.5.7. Compatibility testing has been carried out according to ADR/RID with the content listed below:

Content	Max. relative density	Packaging #	Closure #
Acetic acid	1.2	All items	All items, not 12, 13
n-Butyl acetate	1.0	All items	All items, not 10, 12, 13
Nitric acid 55%	1.4	All items	All items, not 12, 13, 14
Wetting solution	1.2	All items	All items, not 12, 13
Water	1.8	All items	All items
White spirit	1.0	All items	All items, not 10, 12, 13
Nitric Acid 65%	1.4	3, 8	5, 6, 7, 8, 9, 11
Organic peroxide	1.2	2, 7	5, 6, 7, 8, 9, 11
Propionic Acid	1.0	4, 9	5, 6, 11
Promyr XR680	1.4	4, 9	5, 6, 11
Nitric acid 62%	1.4	5, 10	5, 6, 7, 8, 9, 11

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET0356B	01.11.2013	NET	Type approval
NET0356B-1	06.03.2014	NET	Type approval
NET0356A-1	06.03.2014	NET	Type approval
NET03TE21	12.05.15	NET	Technical evaluation

LERUM, SWEDEN

20.05.2015 CERTIFICATE IS VALID UNTIL:

31.05.2020

A handwritten signature in blue ink, appearing to read 'Susanne Dahlberg'.

Susanne E. Dahlberg
Certification Officer

A handwritten signature in blue ink, appearing to read 'Rune Madsen Fink'.

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing AS Certification