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:

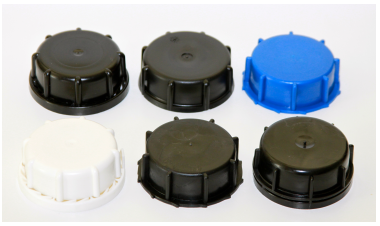
Packaging code / Volume	Description	Drawings	Material
3H1 / 20 l	Plastics jerricans, non-removable head	4601009	HDPE

CLOSING MECHANISM:

#: Closure type	Producer	Drawings	Material	Gasket	Torque
1: Screw cap 60 mm	Tri-Sure	Art. nr. 20000	HDPE	Expended PE, O-ring	25 Nm
2: Screw cap 60 mm	Tri-Sure	Art. nr. 20010	HDPE	Oblat PE	25 Nm
3: Screw cap 60 mm	Tri-Sure	Art. nr. 20013	HDPE	Expended PE, O-ring	25 Nm
4: Screw cap, vented, 60 mm	Tri-Sure	Art. nr. 20091	HDPE	Expended PE, O-ring	25 Nm
5: Screw cap 60 mm	Greif Sweden AB	Art. nr. 40268	HDPE	Expended PE, O-ring	25 Nm
6: Screw cap 60 mm	Greif Sweden AB	Art. nr. 40277	HDPE	Expended PE, O-ring	25 Nm

Nordisk Emballasje Testing AS
Blekebakkvegen 45
N-3950 Brevik
Telephone: +47 900 17025
E-mail: info@net17025.com
Web: www.net17025.com
VAT No.: 990 793 840
Bank account: 6250.05.22351
GPS: 59°03'25'' N 9°40'70'' E





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

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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	1.1	All items	All items
n-Butyl acetate	1.0	All items	All items
Nitric acid 55%	1.4	All items	All items
Wetting solution	1.2	All items	All items
Water	1.8	All items	All items
White spirit	1.0	All items	All items
Nitric Acid 62-65%	1.4	3	5, 6
Organic peroxide	1.2	2	5, 6
Propionic Acid	1.0	4	5, 6
Promyr XR680	1.4	4	5, 6

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET0356B	01.11.2013	NET	Type approval

LERUM, SWEDEN **01.11.2013** CERTIFICATE IS VALID UNTIL: **30.11.2018**

Susanne E. Dalhberg
Certification Officer

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing AS Certification

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