

Copy (1)

(98)

D. G. M. (Q) MR.

GOVERNMENT OF INDIA
(MINISTRY OF DEFENCE)



SPECIFICATION

✓ No. IND/SL/324 (a)

Issued on: 5.7.1966.

+ (Supersedes Specification
No. IND/SL/309(c))

H-1(c)/9150-000027

CAT.NO. IHA 0522 OIL, M-80 oil, OM-58

1 THIS SPECIFICATION IS INTENDED TO GUIDE PURCHASE, INSPECTION AND MANUFACTURE OF STORES AGAINST DEFENCE REQUIREMENTS.

2 IN CASE OF DISCREPANCY BETWEEN THIS SPECIFICATION AND ANY SAMPLE OR PATTERN, THIS SPECIFICATION TOGETHER WITH DRAWINGS, IF ANY, SHALL BE TAKEN AS CORRECT.

3 WHEREVER A REFERENCE TO ANY OTHER SPECIFICATION/DRAWING OCCURS IN THIS SPECIFICATION, IT SHALL BE TAKEN AS A REFERENCE TO THE LATEST VERSION OF THAT SPECIFICATION/DRAWING.

Scope

1 This specification prescribes the requirements for Oil, M-80 suitable for use as a lubricant for bicycles and general purposes. OM-58

Quality

2 The Oil, M-80 shall conform to the 'Requirements' of Machinery Oils, Light Grade as laid down in clauses 4 and 5 of the Indian Standard Specification No. *IS:493-1958 for Machinery and Spindle Oils, except for pour point which shall not be higher than minus 5°C. OM-58

*Indian Standard Specifications are priced publications and can be obtained on payment from the Indian Standards Institution, Manak Bhavan, 9, Bahadur Shah Zafar Marg, New Delhi-1 as well as from regional branches of ISI in other cities of India.

Packaging

3 Materials

1) Pack A (Standard Pack)

Drums, Oil, Ungalvanised,
25 litre Cat.No.IHA 1025,
fitted with 50 mm screw
closure and a drop handle
from M S wire 5 mm (6 SWG)

Conforming to Grade B₁ of
*IS:2552-1963. Material to
be M.S. sheet and screw
closure to *IS:1784-1961.
The drums shall be painted
externally with Paint, PFU,
War Equipment, Air Drying,
Brushing, Olive Green
Scamic No. 314 (Cat.No.IHA
0228) OR Spraying, Olive
Green Scamic No.314 (Cat.
No. IHA 0644) to specifica-
tion No. IND/SL/3119(d)

11) Pack B (Alternative Pack)

Drums, M.S., 25 litre

Standard trade quality drums
subject to approval of the
Inspection Authority (for
qualitative requirements
see the Appendix).

The store shall be supplied in sound, clean, dry and rust-free drums. The screw closure of the drums (having a suitable washer resistant to the store) shall be tightly secured in position so as to give a liquid-tight closure which shall be capable of closing liquid-tight once the closure has been opened. The screw closure of drums, in addition, shall be provided with sealing arrangement for lead seals with wire. Each container shall contain the same net quantity of the store, e.g. 25 litres. The empty containers shall be subject to inspection and approval by the Inspection Authority at the time of filling except when the supplies are made in imported containers, filled with the oil and duly sealed in the country of origin. This will not, however, absolve the suppliers of their ultimate responsibility of supplying the store in clean, dry and rust-free containers.

*Indian Standard Specifications are priced publications and can be obtained on payment from the Indian Standards Institution, Manak Bhavan, 9, Bahadur Shah Zafar Marg, New Delhi-1 as well as from regional branches of ISI in other cities of India.

Marking

The drums shall be legibly and indelibly marked as under:-

- i) Nomenclature and catalogue number of the store
- ii) Quantity packed, e.g. QTY 25 litres
- iii) Net and gross weights of the drum
- iv) Serial number of the drum together with the total number of drums in the same delivery
- v) Manufacturer's/supplier's name or recognised trade mark
- vi) Month and year of manufacture
- vii) Contract number and date
- viii) Name and address of the consignee
- ix) Type of pack

✓ In f.o.r. contracts, the final packaging, marking, as given above, and despatch of the inspected material shall be done by the contractor.

Note :- If ordered for delivery to a local Inspection Depot, the filled drums, duly sealed and marked as above, shall be despatched by the Inspection Depot authorities.

ector,
f each
rm to

5 If, on examination of any sample from any portion of a supply, the material is found to be not fully conforming to this specification, the whole supply may be rejected.

Certified copy of the sealed specification at this date.

KANPUR:

DATED : 12/3/78

DEFENCE RESEARCH LABORATORY (MATERIALS)

Chief Inspector of Materials

IND/SL/3624

.....4/-

APPENDIX

Qualitative Requirements for Drums, M.S., 25 Litre

1. Fabricated from good quality mild steel sheet of 24 B G or 0.63 mm
2. Sound in construction (welded seam or properly interlocked double seam) and capable of standing rough handling during transit.
3. Fitted with a screw cap (having a washer resistant to the material packed). The closure shall be capable of closing the drums liquid-tight once they have been opened.
4. Provided with a handle in the centre of the top end, not projecting beyond the top rim of the drum.
5. Liquid-tight at all the joints and the closure.
6. Capacity to be 25 litres excluding 5 percent minimum ullage.
7. Painted externally to Olive Green, Scamic 314 colour with a petrol resisting paint.
8. Provision for lead-seals at the closure.

IND/SL/3624

RBS 21.5.66. Compared
S. Ray. 24/6/66