



ENGINEERING STANDARDS

Material Specification

LIMITED USE
HN1162

Rubber Lubricant - Detergent

Do Not Use on New Programs; No Replacement

1. SCOPE

This specification describes a detergent based material suitable for the temporary lubrication of rubber components during fitting operations.

2. REFERENCES

ATSM D1882

HN 1000

3. REQUIREMENTS

Solubility –

The material must be water soluble.

Lubrication –

The material must provide temporary lubrication of rubber components. This lubrication should become ineffective upon standing.

Corrosion -

The material must not accelerate corrosion of metallic components that it may come into contact with (i.e. hose clamps, fittings, tyre rims, etc.).

Staining -

The material must not permanently mark vehicle paint work when tested to the procedure outlined in part 7 of ATSM D1882. This test should be carried out on a freshly painted, production intent, test panel.

4. APPROVAL, INSPECTION, REJECTION

Refer HN 1000, Clauses C and G.

5. HAZARDOUS MATERIALS

Refer HN 1000, Clause H.

6. RESTRICTED CHEMICALS

Refer HN 1000, Clause J.

7. APPROVED SUPPLIERS AND MATERIALS

APPROVED SUPPLIER

APPROVED MATERIAL

Henkel Australia

P3 Tyre Lube 689

Maxwell Chemicals Ltd.
12 Roxburgh Ave.
Lonsdale SA 5160

XL689

8 Release and Revisions

This standard was originated in July 1994. It was first published in July 1994.

Issue	Publication Date	Description (Organization)
1	JUL 1994	Initial publication.
2	MAR 1998	Donax R Rubber lubricant (Shell Co. of Aust.) removed as an approved material as it is no-longer available.
3	NOV 1998	P3 Tyre Lube 689 added as an approved product. (This product is the same formulation as XL689.)
4	SEP 2012	Inactivated – no replacement.
5	OCT 2012	Reactivated.
6	FEB 2016	Limited for Current Use. (Materials)

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