

NEW EQUIPMENT AND SYSTEM APPROVAL CERTIFICATE

Certificate No. NESA-T103

Approval date 30/06/2017

Approved by Acting General Manager, Technical Standards

Report no. 17/21169

This certificate is issued to

Supplier Imtram P/L
P.O. Box 4460
Ringwood
Victoria, 3134

In respect of

Manufacturer RS Clare & Co. Ltd
Stanhope Street
Liverpool L8 5RQ
United Kingdom

Product description Rail Curve Grease

Item identification RS EcoCurve Heavy Haul grease

Application Trial locations in Hunter Valley only

The grease is approved to be used on 1 unit at Up and Down Kooragang branch at 170.490 for a period of 3 refilling intervals (approximately 3 months) for the 360 Kg lubricator.

Relevant Standards

Conditions of Approval

Supplier:

1. Any subsequent change to the design, materials or manufacturing process is not covered by this approval. The Supplier shall notify ARTC of any modification or changes in order to obtain a valid updated certificate
2. The GHS SDS shall be provided to ARTC prior to full approval.

Rail Maintenance Engineer, Hunter Valley:

1. Persons using the product shall have access to the SDS and therefore are aware of the hazards, the PPE, the precautions and the first aid requirements.
2. To be used as a direct replacement in existing lubrication units (eg: instead of Shell Gadus or Rocol)
3. Lubricator must be cleaned and overhauled before use.
4. Lubricator must be serviced before use.
5. All risks are effectively identical to previously approved greases eg: Shell Gadus, the risk assessments should only require minor review for any differences and then be accepted as written.

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6. Ensure the grease is pumping as required on the day it is first filled in the lubricator.
7. The monitoring for travel, blockages and lubricator discharge settings are to comprise of;
 - a. Week 1 after the grease is used, the travel distances, grease distribution units and effectiveness of the discharge settings are to be checked.
 - b. Subsequent inspections of the locations include Week 3, followed by a monthly inspection cycle from the time the grease has been used.
 - c. The performance of the grease is to be evaluated against the past performance of the lubricant used at the specific lubricator.

Note/Comments

Issue date 30 June 2017

Expiry date 3 months after first use at trial location

Issued by



John Furness
ARTC Manager Standards

**NEW EQUIPMENT AND SYSTEM
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Technical Data Sheet

1. Claretech EcoCurve Heavy Haul technical data sheet

Material Safety Data Sheet

2. SDS Claretech Ecocurve Heavy Haul

Standard Compliance

3. EcoCurve Heavy Haul v BS EN 16028

Test Reports

4. OECD 201 Test EcoCurve Trackside
5. OECD 202 Test EcoCurve Trackside
6. OECD 203 Test EcoCurve Trackside
7. OECD 301B Test EcoCurve Trackside
8. 2016-08-26 Intertek report.IF-4172
9. Pumpability Test EcoCurve Trackside
10. 2016-07-22 BFB-RS Clare & Co. Ltd.-170117-163304

ISO Certificate

11. RS Clare ISO Certificate

Risk Assessment

12. Risk Assessment – Share Gadus – 18 Dec 12

Stakeholder Consultation

13. Stakeholder Consultation emails
14. SharePoint Consultation

Sign off

15. SharePoint Sign off

Acceptance of Conditions of approval

16. Acceptance from supplier
17. Acceptance from Rail Maintenance Engineer, Hunter Valley