

NEOX D



DESCRIPTION

NEOX D is a high viscosity, emulsifiable sterntube lubricant.

APPLICATIONS

NEOX D can be used in a sterntube where there is potential for fluid loss or water ingress to occur. Designed primarily where a non-circulatory oil feed system is used and a labyrinth or face type seal is fitted. NEOX D is recommended for the lubrication of trunnion bearings on some Brown Brothers retractable fin stabilisers.

FEATURES

- NEOX D is designed for sterntube lubrication and provides a very high standard of lubrication under both the boundary and hydrodynamic lubricating conditions encountered in a sterntube.
- NEOX D will absorb any sea or fresh water which may enter the sterntube to form a viscous emulsion which remains stable and therefore reduces the risk of free water being present in the sterntube.
- It provides an excellent level of lubrication in both neat and emulsion forms. Conventional oils do not emulsify in the same way and tend to separate, exposing components to free water and potential wear damage.
- NEOX D is a grease-like lubricant at ambient temperatures and is applied using a grease applicator.
- It is not recommended that NEOX D be used with elastomer lip type seal systems.

BENEFITS

- Absorbs any sea or fresh water entering the sterntube to form a relatively fluid emulsion which remains very stable and thereby reducing the risk of free water present in the sterntube.
- Excellent lubrication under both the boundary and hydrodynamic lubricating conditions encountered in a sterntube.
- Corrosion protection is maintained even during prolonged standing and the stable emulsion ensures that a lubricating film is present between the propeller shaft and bottom of the bearing at the critical time of start-up.
- The lubricant and emulsion have good adherence to metal surfaces, resisting wash off by water.
- NEOX D is expected to be effective in reducing the rate of oil leakage past a damaged aft seal.
- Compatible with the metals commonly used in sterntubes.

BENJ^M R. VICKERS & SONS LTD.

Registered Office
6 Clarence Road, Leeds,
LS10 1ND, United Kingdom

Registered in England
Company No. 00130013

Tel: +44 (0) 113 386 7654
Fax: +44 (0) 113 386 7676
Web: www.vickers-oil.com
Email: inbox@vickers-oil.com

Accredited to the ISO 9001
Quality Standard and the
ISO 14001 Environmental
Management Standard



FM 01851 EMS 40717

NEOX D



TYPICAL CHARACTERISTICS AND PROPERTIES

NEOX D	TEST METHOD	RESULT
Appearance	Visual	Brown Grease
Viscosity @ 60°C (cSt)	ASTM D445	100
Density @ 15°C (kg/l)	ASTM D4052	0.900
Pour Point (°C)	ASTM D97	29
Flash Point (°C)	IP 523	> 205
Shelf Life		7 years in original sealed containers stored out of direct sunlight

Vickers Oils, its officers, employees and agents assume no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with Vickers Oils for the provision of this information or advice and in that case responsibility or liability is exclusively on the terms and conditions set out in that contract. These products should only be used for the applications specified. The supplier cannot accept responsibility if it is used in any other applications.

BENJ^M R. VICKERS & SONS LTD.

Registered Office
6 Clarence Road, Leeds,
LS10 1ND, United Kingdom
Registered in England
Company No. 00130013

Tel: +44 (0) 113 386 7654
Fax: +44 (0) 113 386 7676
Web: www.vickers-oil.com
Email: inbox@vickers-oil.com

Accredited to the ISO 9001
Quality Standard and the
ISO 14001 Environmental
Management Standard



FM 01851 EMS 40717