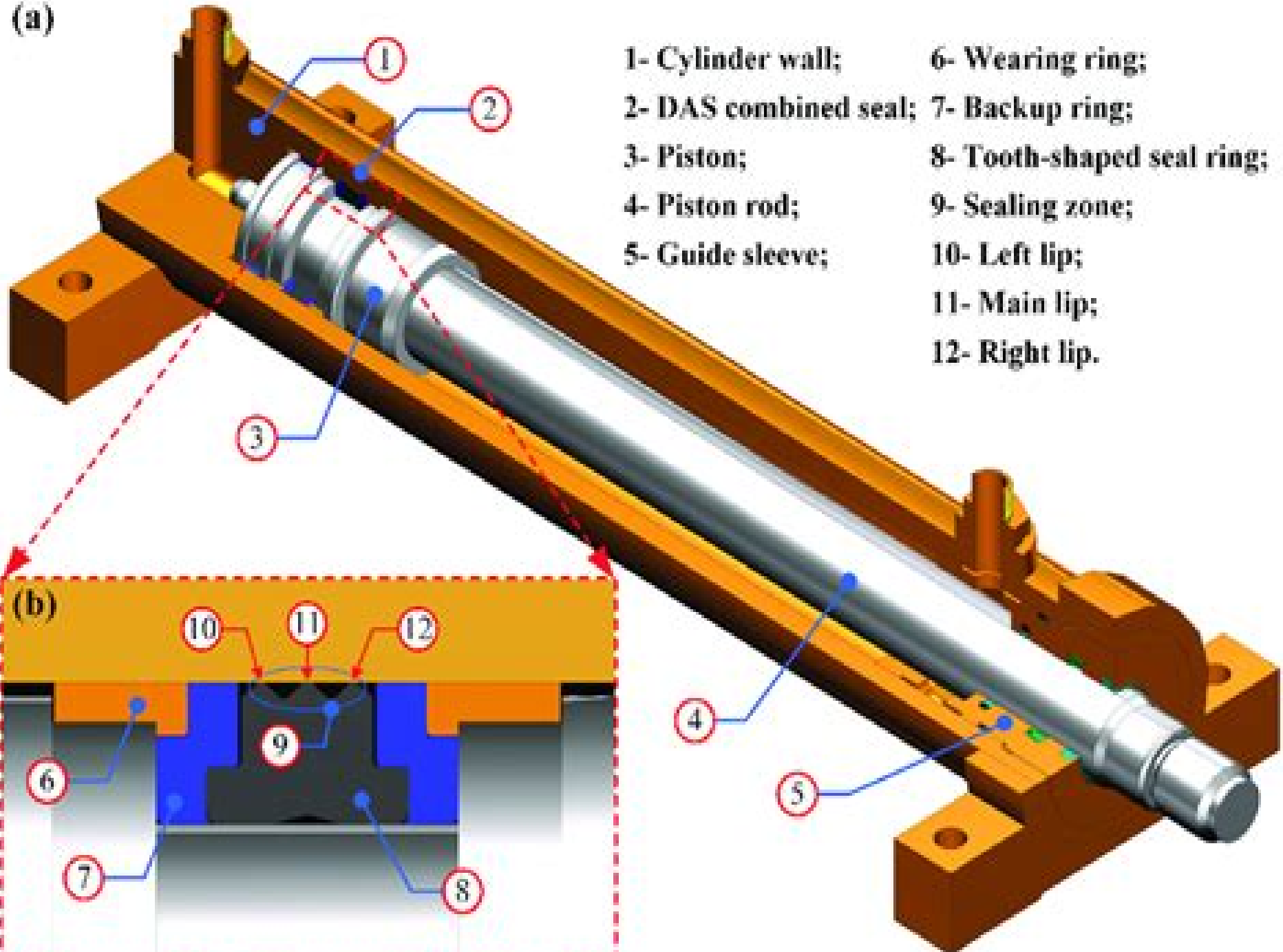


(a)



1- Cylinder wall;

2- DAS combined seal;

3- Piston;

4- Piston rod;

5- Guide sleeve;

6- Wearing ring;

7- Backup ring;

8- Tooth-shaped seal ring;

9- Sealing zone;

10- Left lip;

11- Main lip;

12- Right lip.

(b)

10

11

12

6

7

9

8

4

5

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AW Chickering



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Engineering Design Handbook : Propellant Actuated Devices United States. Army Materiel Command, 1963

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Han, 2012-12-13 Selected papers from the 2nd International Conference on Materials and Products Manufacturing

Technology ICMPT 2012 September 22-23 2012 Guangzhou China *Subway Environmental Design Handbook: Principles and applications* Transit Development Corporation, 1976 **Vehicle Tribology** M. Godet, D. Dowson, C.M. Taylor, 1991-07-03

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Rachakonda, Harish Kumar, 2023-08-23 This handbook provides comprehensive and up-to-date information on the topic of scientific, industrial and legal metrology. It discusses the state-of-the-art review of various metrological aspects pertaining to redefinition of SI Units and their implications, applications of time and frequency metrology, certified reference materials, industrial metrology, industry 4.0 metrology, additive manufacturing, digital transformations in metrology, soft metrology and cyber security, optics in metrology, nano metrology, metrology for advanced communication, environmental metrology, metrology in biomedical engineering, legal metrology and global trade, ionizing radiation metrology, advanced techniques in evaluation of measurement uncertainty etc. The book has contributed chapters from world's leading metrologists and experts on the diversified metrological theme. The internationally recognized team of editors adopt a consistent and systematic approach and writing style including ample cross-reference among topics offering readers a user-friendly knowledge base greater than the sum of its parts, perfect for frequent consultation. Moreover, the content of this volume is highly interdisciplinary in nature with insights from not only metrology but also mechanical, material science, optics, physics, chemistry, biomedical and more. This handbook is ideal for academic and professional readers in the traditional and emerging areas of metrology and related fields **The Hydraulic Handbook** Trevor M. Hunt, T. Hunt, N. D. Vaughan, N.

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Mechatronics Engineering and Modern Information Technologies in Industrial Engineering Fang Shao,Fen Jie Long,Jie Liang,Hai Hong Chen,Mei Ni Yuan,2015-01-13 Selected peer reviewed papers from the 2014 International Conference on Mechatronics Engineering and Modern Technologies in Industrial Engineering MEMTIE 2014 October 25 26 2014 Changsha Hunan China MX & Off-Road Performance Handbook -3rd Edition Eric Gorr, **Aircooled VW Engine Interchange Manual : The User's Guide to Original and Aftermarket Parts...** Keith Seume,1996 Find out which parts will fit your engine and what theyll do for it with this valuable guide to all engine ignition and carburetion parts for your classic VW engine Tuning recommendations on equipping engines for economy performance mild performance increases fast road or full race performance Includes stock part interchange specs and parts numbers and describes the wide range of aftermarket parts available **The Shell Bitumen Handbook** John Read,David Whiteoak,Shell Bitumen,2003 This new edition reflects many of the very significant advances which have taken place in the period since the last edition was published I am confident that you will feel that this is a worthy addition to your asphalt book shelf Robert Hunter This respected Handbook has earned its reputation as the authoritative source of information on bitumens used in road pavements and other surfacing applications This new edition has been up dated to ensure The Shell Bitumen Handbook retains its excellent reputation This comprehensive Handbook covers every aspect of bitumen from its manufacture storage and handling to specifications and quality along with a whole chapter on bitumen emulsions The mechanical testing and physical properties of bitumen its structure and rheology properties such as durability and adhesion and the influence of these properties on performance in practice are all set out in individual chapters A further chapter is devoted to the practice of enhancing the performance of bitumen s by the addition of modifiers Considerable attention is given to the different aspects of asphalts detailing types of mixture their manufacture and testing mechanical properties transport laying and compaction and mixture design This excellent reference also devotes chapters to the important topics of analytical design of flexible pavements and the technology of surface dressing Since the last edition there have been significant strides in a number of key areas of asphalt technology These include the development of new mixtures an improved understanding of the mechanisms by which pavements fail and the availability of high performance bitumens The Handbook has been fully revised to reflect these advances as well as updating the standard procedures and methods which are necessary nowadays for those involved in using asphalts in an environment of ever more demanding specifications Compiled by the Shell Bitumen European Technical

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