

2MOBILITY (Global Mobility Standards Database)



- Subject Coverage**
- Automation
 - Emissions
 - Environment
 - Fuels and lubricants
 - Human factors
 - Management
 - Manufacturing
 - Marketing
 - Materials
 - Noise and vibration
 - Population
 - Reliability
 - Research and design
 - Quality
 - Safety
 - Testing
 - Transportation

File Type Bibliographic

- Features**
- | | | | | | |
|---------------------------------------|-------------------------------------|-----------------------|--------------------------|-----------------------------|--------------------------|
| Thesaurus | None | | | | |
| Alerts (SDIs) | None | | | | |
| CAS Registry Numbers® | <input type="checkbox"/> | Page Images | <input type="checkbox"/> | STN AnaVist | <input type="checkbox"/> |
| Keep & Share | <input checked="" type="checkbox"/> | SLART | <input type="checkbox"/> | STN Easy | <input type="checkbox"/> |
| Learning Database | <input type="checkbox"/> | Structures | <input type="checkbox"/> | STN Viewer | <input type="checkbox"/> |

- Record Content**
- Bibliographic information
 - Controlled and supplementary terms
 - Abstracts

- File Size**
- More than 13,500 records (04/10)

Coverage 1936-present

Updates Reloaded monthly

Language English

Database Producer SAE International
400 Commonwealth Drive
Warrendale, PA 15096
Phone: (724) 772-7108
Telefax:(724) 776-3087

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Sources Standards and specifications

- User Aids**
- Online Helps (HELP DIRECTORY lists all help messages available)
 - STNGUIDE
 - [STN Database Guide](#)
-

- Clusters**
- [ALLBIB](#)
 - [ENGINEERING](#)
 - [FUELS](#)
 - [MATERIALS](#)
 - [MOBILITY](#)
 - [SAFETY](#)
-

- Related Database**
- [1MOBILITY](#)
-

Pricing See the [STN Price List](#) or enter HELP COST at an arrow prompt (=>).

Search Display Field Codes

There are no fields that allow left truncation.

Search Field Name	Search Code	Search Examples	Display Codes
Basic Index (contains single words from the abstract (AB), controlled Term (CT), supplementary term (ST), and title (TI) fields)	None (or /BI)	S TRUCK AND BRAKE# S PASSENGER CARS/BI S SAE(S)STANDARD	AB, CT, ST, TI
Accession Number Classification Code (1)	/AN /CC	S 2005:25999/AN S SPACE/CC S "AIR OR SPACE"/CC	AN CC
Controlled Term	/CT (or /DT)	S ADHESIVE?/CT S COMPOSITE REPAIR/CT	CT
Controlled Word	/CW	S (METAL(S)REPAIR#)/CW	CT
Country of Publication (code and text)	/CY	S US/CY S UNITED STATES/CY	CY
Cross Reference	/CR	S AATCC TEST?/CR	CR
Document Number	/DN	S SAE AIR 1167/DN	DN
Document Type	/DT	S STANDARD/DT S S/DT	DT
Entry Date (2)	/ED (or /UP)	S ED>=20050411	Not displayed
Field Availability	/FA	S AB/FA	Not displayed
File Segment (code and text)	/FS	S SAE/FS S DIN/FS	FS
Language (code and text)	/LA	S EN/LA S ENGLISH/LA	LA
Publication Date (2)	/PD	S PD>20050411 AND FASTENERS/CT	SO
Publication Year (2)	/PY	S 2003-2005/PY	PY, SO
Source (contains publishing and source information, location, publication date, and publication year)	/SO	S (REG? AND SAFETY AND HIGHWAY)/SO	PD, PY, SO
Supplementary Term	/ST	S INCONEL 7?/ST	ST
Title	/TI	S BRAKE CYLINDER#/TI	TI

(1) Searching with implied (S) proximity is available in this field.

(2) Numeric search field that may be searched using numeric operators or ranges.

2MOBILITY**DISPLAY and PRINT Formats**

Any combination of formats may be used to display and print answers. Multiple codes must be separated by commas or spaces, e.g., D L1 1-5 TI SO. The fields are displayed or printed in the order requested.

Hit-term highlighting is available for all displayable fields except PY. Highlighting must be ON during SEARCH to use the HIT, KWIC, and OCC formats.

Format	Content	Examples
AB AN CC CR CT CY DN DT FS LA PY (1) SO ST TC (1) TI	Abstract Accession Number Classification Code Cross Reference Controlled Term Country of Publication Document Number Document Type File Segment Language Publication Year Source Supplementary Term Treatment Code (Document Type) Title	D L4 1-4 AB D L1 3 AN D CC 5-10 D 1-3,7,8 CR D CT D CY 1-5 D L1 DN 3 D 1,3,6 DT L5 D FS D 1,4 LA D PY D SO D L3 ST D TC D TI 2
ABS ALL BIB CBIB IALL IBIB IND (1) SAM SCAN (2,3)	AB AN, DN, TI, SO, CR, CY, DT, FS, LA, AB, CC, CT, ST AN, DN, TI, SO, CY, DT, FS, LA (default) AN, DN, compressed bibliographic information ALL, indented with text labels BIB, indented with text labels CC, CT, ST TI, CC, CT, ST TI, CC, CT, ST (random display without answer number)	D 2,6 ABS D L1 ALL D BIB D 4-7 CBIB D IALL 3 D L4 IBIB 2 5 D IND L8 D 1-5 SAM D SCAN
HIT KWIC OCC (1)	Fields containing hit terms Hit term with 20 words on either side (KeyWord-In-Context) Number of occurrences of hit terms and fields in which they occur	D HIT D KWIC D OCC

(1) Custom display only.

(2) No online display charge for this format.

(3) SCAN must be specified on the command line, i.e., D SCAN or DISPLAY SCAN.

SELECT, ANALYZE, and SORT Fields

The SELECT command is used to create E-numbers or an L-number containing terms taken from the specified field in an answer set.

The ANALYZE command is used to create an L-number containing terms taken from the specified field in an answer set.

The SORT command is used to rearrange the search results in either alphabetic or numeric order of the specified field(s).

Field Name	Field Code	ANALYZE/ SELECT (1)	SORT
Abstract	AB	Y (2)	N
Accession Number	AN	Y	N
Classification Code	CC	Y	Y
Controlled Term	CT	Y	N
Country of Publication	CY	Y	Y
Cross Reference	CR	Y	N
Document Number	DN	Y	Y
Document Type	DT	Y	Y
File Segment	FS	Y	Y
Language	LA	Y	Y
Occurrence Count of Hit Terms	OCC	N	Y
Publication Date	PD	Y	Y
Publication Year	PY	Y (3)	Y
Supplementary Term	ST	Y	N
Title	TI	Y (default)	Y
Treatment Code	TC	Y	Y

- (1) HIT may be used to restrict terms extracted to terms that match the search expression used to create the answer set, e.g., SEL HIT TI.
- (2) Appends /BI to the terms created by SELECT.
- (3) SELECT HIT and ANALYZE HIT are not valid with this field.

Sample Records

DISPLAY IALL

ACCESSION NUMBER: 2010:245 2MOBILITY
 DOCUMENT NUMBER: SAE J 2878
 TITLE: Low Speed Thorax Impact Test Procedure for the HIII5F Dummy
 SOURCE: (2010 Jan 14) . SAE International, Warrendale,
 Pennsylvania, USA. Other Number: j2878.
 CROSS REFERENCE: SAE EA-25; SAE J 211/1; SAE J 2517; SAE J 2779; MVR No. 572
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Standard; (RECOMMENDED PRACTICE)
 FILE SEGMENT: SAE
 LANGUAGE: English
 ABSTRACT: This procedure establishes a recommended practice for
 performing a Low Speed Thorax Impact Test to the Hybrid
 III Small Female Anthropomorphic Test Device (ATD or crash
 dummy). This test was created to satisfy the demand by the
 industry to have a certification test which results in peak
 chest deflection similar to current full vehicle, frontal
 impact tests. An inherent problem exists with the current
 certification procedure because the normal (6.7 m/s) thorax
 impact test has test results for peak chest deflection that
 are greater than those currently seen in full vehicle,
 frontal tests.
 The intent of this document is to develop a low speed
 thorax certification procedure for the H-III5F dummy with a
 3.0 m/s impact similar to the SAE J2779 procedure for the
 H-III50M dummy.
 CLASSIFICATION: Land or Sea
 CONTROLLED TERM: Dummies; Impact tests

DISPLAY BIB

AN 2010:235 2MOBILITY
 DN SAE J 2461
 TI Vehicle Electronic Programming Stations (VEPS) System Specification for
 Win32(TM)
 SO (2010 Feb 05) 3:36. SAE International, Warrendale, Pennsylvania, USA.
 Other Number: J2461.
 CY United States
 DT Standard; (RECOMMENDED PRACTICE)
 FS SAE
 LA English

DISPLAY SCAN

TI Elastomeric Bushing 'TRAC' Application Code
 CC Land or Sea
 CT Bushings; Coding

In North America

CAS
 STN North America
 P.O. Box 3012
 Columbus, Ohio 43210-0012 U.S.A.
 CAS Customer Care:
 Phone: 800-753-4227 (North America)
 614-447-3700 (worldwide)
 Fax: 614-447-3751
 E-mail: help@cas.org
 Internet: www.cas.org

In Europe

FIZ Karlsruhe
 STN Europe
 P.O. Box 2465
 76012 Karlsruhe
 Germany
 Phone: +49-7247-808-555
 Fax: +49-7247-808-259
 E-mail: helpdesk@fiz-karlsruhe.de
 Internet: www.stn-international.de

In Japan

JAICI (Japan Association for
 International Chemical Information)
 STN Japan
 Nakai Building
 6-25-4 Honkomagome, Bunkyo-ku
 Tokyo 113-0021, Japan
 Phone: +81-3-5978-3601 (Technical Service)
 +81-3-5978-3621 (Customer Service)
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 E-mail: support@jaici.or.jp (Technical Service)
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