
KYB TECHNICAL REVIEW

No. 59 OCT. 2019

CONTENTS

Foreword

A Cylindrical Hydraulic Machine !? KAZAMA Toshiharu 1

Technology Explanation

Study of Evaluation Index Characterizing Dynamic Friction Characteristics in Shock Absorber
KATO Shinji 2
SASAKI Shinya

Development and Application of Active Charge Accumulator for Water Hydraulics
YOSHIDA Futoshi 9

Development of Simulation Technology for EPS System KITAMURA Yoshiaki 17

Technology Introduction

Cylindrical Linear Motors that Utilize Quality Engineering Parameter Design
NAGAMIZO Yoshiya 25

Product Introduction

Development of Miniaturized Communication Terminal (KTDC17) for Vehicles
HARADA Katsuyuki 30

Glossary

Communication Standards for Mobile Phones KABASAWA Ryoichi 34

Product Introduction

Development of Vane Pump for Light Car CVT
HAGIWARA Takahiro 36
SHINDO Shota

Technology Introduction

Adaptation of Zirconium Chemical Conversion Treatment to the Mixer Truck Parts
NISHIDA Ryuichi 41
YAMAZAKI Hiroshi

Glossary

The Painting Used in KYB KAWAZOE Toshiyuki 46

Technology Introduction

Configuration of Assembly Line for Traveling Motors (for Hydraulic Excavators)
KIKUCHI Tatsuya 48

Product Introduction

Development of Control Valve KVML-120 for Compact Track Loader SAWADA Chigusa 52

Introduction

Technical Information Leakage Prevention Activities at KYB SATO Akihiko 56

Essay

Moscow Expat Experience Report TEZUKA Hiromi 61

Indonesia and Thailand Experience Report TAKI Keiji 65

(Cover Photograph: Appearances of Developed Vane Pump for Mini Vehicle CVT and of KVML-120 [see P.36, 52], KTDC17 [see P.30])