

---

# KAYABA TECHNICAL REVIEW

No. 65 OCT. 2022

## CONTENTS

### Foreword

Rethink of Hydraulics for Sustainable Robotics HYON Sang Ho 1

### Technology Introduction

Making Plating Film Thickness Constant by Simulation MIZUNO Yuuki 3  
TERADO Ayuko

### Technology Explanation

Control Technologies for In-Vehicle Electric Actuators MATSUMOTO Daisuke 8  
ENOMOTO Daisuke  
KENJO Kazunori  
FUKUSHI Natsuru

### Product Introduction

Development of Vane Pump for Medium Passenger Vehicle CVT HAGIWARA Takahiro 26  
OOTAKI Masashi  
KONDO Hirotooshi  
SHINDOU Shota

### Essay

Essay from Expatriate at HKE HATTORI Koji 32  
Essay from Expatriate at KMEX KAWAI Hiroshi 36

### Glossary

(1) Hard Chrome Plating MOCHIZUKI Yoshitaka 41  
(2) Compensators in Control Systems MATSUMOTO Daisuke 42  
(3) PV Values of Vane Pumps HAGIWARA Takahiro 45

### Editors Script