## **KYB TECHNICAL REVIEW**

## No. 53 OCT. 2016

## **CONTENTS**

Foreword		
Application of Fluid Power to Robot Systems Essay	KAWASHIMA Kenji	1
Gujarat Natural Life Story Vol. 2: Birds Technology Explanation	ISHIKAWA Teruyuki	2
Characteristics Prediction of Vane Pump by CFD Analysis	SUZUKI Kazunari NAKAMURA Yoshinari YAKABE Shinji WATANABE Hirohito NAKAMURA Kazuhisa	8
Theater Equipment Operation System (K-compo SysteM)	SUZUKI Shinya	16
Track Moter for 7-9ton Excavator, MAG-50VP-1100	KAWABATA Kaori MATSUZAKA Keita SAKAI Yuki	20
Development of MR8040X and MR7000X for India	IWANAMI Shigeru	24
Technology Introduction		
A Study of Vehicle Control Technology Using Image Processing	SASAKI Kei	28
Development of Quality Data Control System	FURUKAWA Akira	32
Technology Explanation		
Development of Relief Valve Automatic assembly technology Introduction	TAKIGUCHI Masaki	38
Launch of Takako Vietnam MMP Production Line	KAMIYA Hotaka	44
	KAMENO Shota	
Development of Nakanojo Factory	MIYAZAWA Koichi	50
Aim for Gold Medal in 2018 Pyeongchang Paralympics	OGURA Hideaki	54
	ISHIHARA Wataru	
	SUZUKI Takeshi	
Glossary		
DLC (Diamond-Like Carbon)	TAMURA Tetsuya	58
Essay		
Report on Visit to Bauma 2016	HASEBE Atsutoshi	59
	NIIJIMA Takeshi	
Announcement Acquisition of iNARTE-EMC, Radio Wave Test Engineer's Qualification	ISHIZAKI Yukio	63

## **Editors Script**

(Cover Photograph: Aim for Gold Medal in 2018 Pyeongchang Paralympics [see p. 55, 56], Theater Equipment Operation System [see p. 17])