

# Technical Data Sheet

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PETRONAS

## PETRONAS Akcela Hydraulic Excavator Fluid HV68

### Description and Applications

PETRONAS Akcela Hydraulic Excavator Fluid HV68 is a high-quality high viscosity index, specifically for high pressure hydraulic systems of farm machines, combine harvesters and earthmoving machinery.

PETRONAS Akcela Hydraulic Excavator Fluid HV68 provides high protection on hydraulic system components against wear and corrosion. Its demulsive and antifoam properties, deliver better lubricating continuity preventing cavitation and removing heats. The viscometric profile remains constant within a broad temperatures range ensuring a prompt response at hydraulic system and high output rate of the pumps, at both low and high temperatures, with consequent fuel saving.

### Approvals, Specifications and Recommendations

#### Specifications:

- DIN 51524 Part 3 - HVLP
- ISO VG 68

#### Performance level:

- NH 668 H
- CASE MS 1216

Note: Always consult your owner's manual to check recommended viscosity grade and specifications for your specific vehicle

### Typical Physical Data

Parameters	Method	Unit	Typical Value
Appearance	--	--	Bright & Clear
Color	ASTM D 1500	--	L 2,5
Density @ 15°C	ASTM D 4052	g/cm <sup>3</sup>	0.882
Kinematic Viscosity @ 40°C	ASTM D 445	mm <sup>2</sup> /s (cSt)	69
Viscosity Index	ASTM D 2270	--	152
Pour Point	ASTM D 97	°C	< -40
Flash Point COC	ASTM D 92	°C	230

All technical data is provided for reference only. These characteristics are typical of current production. Whilst future production will conform to PLI's specification, variations in these characteristics may occur.

#### Health, Safety and Environment

This product is unlikely to present any significant health and safety hazards when used in the recommended application. Avoid contact with skin. Wash immediately with soap and water after skin contact. Do not discharge into drains, soil or water.

For further detail regarding storage, safe handling, and disposal of product, please refers to product SDS or contact us at: [www.pli-petronas.com](http://www.pli-petronas.com)

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