Product Information

Made in Germany

Article number: 7201205

HLP-D ZF

Zinc-Free Hydraulic Oil with Cleaning Effect

DESCRIPTION

DEUTSCHÖL HLP-D ZF Hydraulic oils are zinc- and ash free lubricants.
In case of overheating, this product does not form any adhesive deposits.
This oils guarantee superior cleaning performance and ensure a sufficient absorption capacity for general contaminations and water.

THIS PRODUCT IS RECOMMENDED BY DEUTSCHÖL IF THE FOLLOWING FILLING REQUIREMENTS ARE REQUIRED:

ISO VG 32, 46, 68
DIN 51524 Teil 2 (85-06 excl. demulsify behaviour),
AFNOR NF E 48-603 HM
SIS SS 155434
VDMA 24318

TYPICAL CHARACTERISTICS

Properties	Testing according	HLPD ZF32	HLPD ZF46	HLPD ZF68	Unit
Density 15°C	DIN 51757	0,86	0,865	0,87	g/ml
Pourpoint	DIN ISO 3016	-28	-25	-23	°C
Viscosity 40 °C	DIN 51562	32	46	68	mm²/sec
Viscosity 100 °C	DIN 51562	5,4	6,8	9	mm²/sec
Flashpoint	DIN ISO 2592	195	212	220	°C

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AVAILABLE PACKAGING

Item-Number						
VDL D32	7100355-1	7100355-4	7100355-5	7100355-20	7100355-60	7100355-205
VDL D46	7100455-1	7100455-4	7100455-5	7100455-20	7100455-60	7100455-205
VDL D68	7200655-1	7200655-4	7200655-5	7200655-20	7200655-60	7200655-205
VDL 100	7200805-1	7200805-4	7200805-5	7200805-20	7200805-60	7200805-205
VDL 150	72012051 -1	72012051-4	72012051-5	72012051-20	72012051-60	72012051-205

The information in this product data sheet is based on years of experience of our team and our partners. Our professional competence in the development and manufacturing of lubricants are based on the current state-of-the-art. Universally valid statements regarding the function of our lubricants are not possible, because the lubricant performance can be influenced by a series of factors. As a result, the lubricant filling process, the exact purpose of use, the general operating conditions, the system degree of wear and the system contamination etc. must be taken into account in particular in engines, machinery and equipment. The data given in this product data sheet represents general, non-binding guideline values. No warranty expressed or implied is given concerning the properties. We recommend to consult our team regarding the application conditions and requirements before the DEUTSCHÖL lubricant is used. The user should test the functional suitability of our lubricants in the intended application and use the product with the corresponding care and responsibility according to the manufacturer's specifications. Our products undergo continuous improvements. We therefore reserve the right to change our product program, the products and their manufacturing processes as well as all details at any time and without warning. Please note: Our products may not be used in aircraft and spacecraft or parts thereof.