



HYDRAULIC SYSTEMS BIO HYDRAULIC OILS



- fully synthetic hydraulic fluids specification HEES : ISO 15380
- ultimate performance and thermal oxidation stability
- extra high Viscosity Index, allowing wide operating temperature range
- neutral to seal materials and elastomers
- FZG Test A/8.3/90 loading stage >12
- improved lubrication and anti-wear protection
- extended oil-change intervals, positive effect on CO₂ reduction
- biodegradability according to OECD 301B and OECD 301D (Ecolabel No. CZ/027/001)



Hydraulic Oil PLUS (HEES)

Fully synthetic high performance hydraulic oil based on a mixture of saturated synthetic esters. Provides improved lubricity and excellent thermal oxidation stability. Hydraulic Oil PLUS offers a wider temperature range and longer oil-change interval. Proven and popularly used in most hydraulic systems.

PARAMETER	PLUS 32	PLUS 46	PLUS 68
Density at 15 °C kg/m ³	965	921	922
Kinematic Viscosity at 40°C mm ² /s	32	46	68
Kinematic Viscosity at 100°C mm ² /s	6,7	9,4	14
Viscosity Index	165	187	212
Pour point, (°C)	<-35	<-35	<-35
Flash point, COC °C	>260	>260	>260
Biodegradability (within 28 days) %	>80	>80	>80

Hydraulic Oil PREMIUM (HEES)

Fully synthetic ultimate performance hydraulic oil based on saturated synthetic esters (top-tier esters of the highest quality). Provides excellent high pressure and high temperature properties. Allows extremely long change intervals and often is used as a "lifetime fill". Recommended fluid for the most demanding hydraulic applications.

PARAMETER	PREMIUM 32	PREMIUM 46	PREMIUM 68
Density at 15 °C kg/m ³	966	927	921
Kinematic Viscosity at 40°C mm ² /s	32	46	68
Kinematic Viscosity at 100°C mm ² /s	6,7	9,3	13,8
Viscosity Index	160	180	205
Pour point, (°C)	<-50	<-50	<-50
Flash point, COC °C	>240	>240	>240
Biodegradability (within 28 days) %	>80	>80	>80