

Agrol Mendo G4



Leaflet	Publication Date	Replaces Sheet
H43	05-05-23	New Sheet

ENVIRONMENTALLY FRIENDLY HYDRAULIC FLUID

Agrol Mendo G4 is a series of hydraulic fluids for mobile and industrial hydraulic systems. They meet the technical and environmental demands set, for example, by the forestry and construction sectors. Agrol Mendo Bio hydraulic oils are biodegradable.

CHARACTERISTICS

Agrol Mendo G4 are fully synthetic hydraulic fluids based on biodegradable esters. They have very good lubricating qualities, resulting in a long lifetime for hydraulic components, as well as very good oxidation stability. Agrol Mendo G4 has a naturally high viscosity index, which amongst other things, means that the oil is less influenced by temperature fluctuations. The products have a high ability to withstand shear, which minimises efficiency losses and internal leakage at high temperatures.

RECOMMENDATIONS

Agrol Mendo G4 is recommended for mobile hydraulics in vehicles, construction and forestry machinery where hydraulic oil of types SHS 32, SHS 46 and SH 68 should be used. In many cases, the products can also be used for industrial hydraulic and circulation systems. The environmental characteristics of the products make them especially suitable for work in sensitive environments.

SPECIFICATONS

Analysis	Units	Mendo 32 Bio	Mendo 46 Bio	Mendo 68 Bio
Density at 15°C	kg/m	910	925	921
Flash point	°C		227	252
Pour point	°C		<-39	<-35
Viscosity at:				
40°C	mm ² /s	32,5	42,8	61
100°C	mm ² /s	7.0	8.9	12.0
100°C after KRL 20h	mm ² /s	7.0	8.9	10,1
-20°C	mm ² /s	950	1600	2300
Viscosity index		185	184	190
CETOP filter factor			104	104
Recommended temperature range	°C	-35 - +100	-30 - +100	-25 - +100
FZG CEC-L-07-A-85	Load stages	10	12	12
Biodegradability				
CEC L-33-A-93	%	>95	>95	>95
OECD 301B	%	72	72	68

NORMS AND TESTS

SS 15 54 34 BV 32 Environmentally adapted Vickers 35VQ-25 (M-2950-S)
SS 15 54 34 BV 46 Environmentally adapted
SS 15 54 34 BV 68 Environmentally adapted

Agrol Mendo 46 G4 is approved for "ProAct" use by Partek Forest