

Leaflet	Publication Date	Replaces Sheet
H47	05-10-12	New Sheet

## ENVIRONMENTALLY FRIENDLY HYDRAULIC FLUID

Agrol Mendo Longlife is a new generation 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 Longlife is biodegradable.

## CHARACTERISTICS

Agrol Mendo Longlife is a fully saturated synthetic hydraulic fluid based on biodegradable esters. The unique combination of esters and additives give outstanding lubricating qualities, resulting in longer lifetime for hydraulic components, as well as excellent oxidation stability. Agrol Mendo Longlife has a naturally high viscosity index and extremely low pour point, which means that the oil is less influenced by temperature fluctuations and will keep its flow properties even at very low temperatures. The product is absolutely shear stable.

## RECOMMENDATIONS

Agrol Mendo Longlife is recommended for mobile hydraulics in vehicles, construction and forestry machinery where hydraulic oils of types IS VG 32, 46 and 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	Value
Density at 15°C	kg/m	920
Flash point	°C	200
Pour point	°C	< -63
Viscosity at:		
40°C	mm <sup>2</sup> /s	41
100°C	mm <sup>2</sup> /s	7.5
100°C after KRL 20h	mm <sup>2</sup> /s	7.5
-20°C	mm <sup>2</sup> /s	2200
Viscosity index		150
Acid value	mg KOH/g	<0,5
Oxid stability, Dry TOST	h	>4000
Air release	min	<4
Recommended temperature range	°C	-35 - +100
FZG CEC-L-07-A-85	Load stages	10
Biodegradability OECD 301B	%	>60

## NORMS AND TESTS

SS 15 54 34 AV 32 Environmentally adapted	DIN 51524 part 2,3 HLP/HVLP
SS 15 54 34 AV 46 Environmentally adapted	
SS 15 54 34 AV 68 Environmentally adapted	