

Astar Classic 10W/30W/40W

Monograde mineral oil for diesel engines of all kinds, such as construction equipment, quarry machinery, buses, tractors, trucks, etc. Recommended lubricant to work under moderate service and more frequent oil changes.

- High load and anti-wear properties.
- Anticorrosion properties.
- Good viscosity index.

SAFETY / HYGIENE

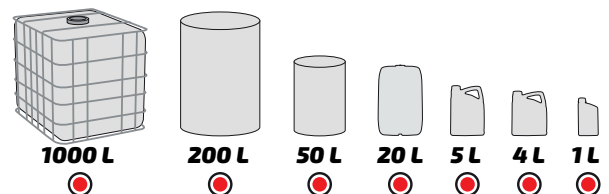
Safety data sheets are available on request in order to provide up-to-date information. The company can not be held liable for damage caused by misuse of the product and in case of non-observance of the specified precautions.



SPECIFICATIONS

- API: CF / SF
- ALLISON C3
- CAT TO-2
- MAN 270
- M.B. 228.0
- MTU Type I

PACKAGING



CHEMICAL PROPERTIES

Analysis Type	Method	Results		
		10W	30W	40W
GradE SAE		10W	30W	40W
Viscosity at 100° C. (cSt)	ASTM D - 445	4.5 - 5.6	9.3 - 12.5	12.5 - 16.3
Viscosidad a 25° (cP)				
Viscosity Index min.	ASTM D - 2270	110	105	105
Flash point (°C)	ASTM D - 92	210	220	230
Pour Point. (°C)	ASTM D - 97	-31	-30	-30
Sulphated ashes (% weight)	ASTM D - 874	<2	<2	<2
TBN mg KOH/g	ASTM D - 2896	>7	>7	>7

The data provided are based on standard tests in laboratory conditions and serve only as a reference point. This data sheet and the information contained herein are valid on the date of issue.



Performance & Quality Oil