## **Product Information**

## AVENO TO-4 SAE 60

0002-000121



## Description

AVENO TO-4 SAE 60 is a special transmission oil for supplying construction machinery and tractors. AVENO TO-4 SAE 60 meets the increased demands of the Caterpillar TO-4 specification and is therefore suitable for use in gearboxes, final dives, hydraulic systems, wet brakes and clutches which require this specification.

## Instructions for use

AVENO TO-4 SAE 60 ensures maximum wear protection in various gearboxes, such as side drives and differentials, it optimizes the friction coefficient in power-shift transmissions, wet brakes and clutches and guarantees maximum service life for the units.

Quality classification				
Specification				
• API CF		• API MT-1	• API MT-1	
Recommendation				
• Allison C-4		• Komatsu KES 07.868.1	• Komatsu KES 07.868.1	
• Caterpillar TO-4M/FD-1		• ZF TE-ML 03C	• ZF TE-ML 03C	
Properties				
A high dispersion and detergent capability		Outstanding high-press	Outstanding high-pressure properties	
High oxidation stability		<ul> <li>Protection against wear</li> </ul>	<ul> <li>Protection against wear, corrosion and foaming</li> </ul>	
• A high and stable viscosity index	x			
Technical specifications				
Properties	Data	Unit	Testing under	
Kinematic Viscosity at 40°C	312.6	mm²/s	DIN 51659-2:2017-02	
Kinematic Viscosity at 100°C	23.5	mm²/s	DIN 51659-2:2017-02	
Viscosity Index	95		DIN ISO 2909:2004-08	
Appearance	YELLOWBROWN		VISUELL	
Density at 15°C	903	kg/m³	DIN EN ISO 12185:1997-11	
Pour Point	-12	°C	ASTM D 7346:2015	
Total Base Number (TBN)	9.2	mgKOH/g	ASTM D 2896:2015	

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