SASH TDTO

SAE 30

LUBRICANT · OFF-ROAD · MINERAL

DESCRIPTION

SASH TDTO SAE 30 is a high-performance mineral lubricant formulated for the powershift transmissions, final drives, wet brakes and hydraulic systems of construction, mining and off-road machinery. It meets the demanding API CF specifications and meets the requirements of Allison C-4 · Caterpillar TO-4 · DANA Powershift Transmissions · Komatsu KES07.861.1 · ZF TE-ML 03C & ZF TE-ML 07F. Its anti-wear and friction-modifier additives protect gears and clutches, eliminate wet-brake noise and chatter and maintain stable lubrication at high temperatures, extending system life under the most severe operating conditions.



QUALITY LEVEL

- **API CF**
- **Allison C-4**
- **Caterpillar TO-4**
- **DANA Powershift Transmissions**
- **Komatsu KES07.861.1**
- **ZF TE-ML 03C & ZF TE-ML 07F**

APPLICATIONS

- Powershift transmissions, final drives, wet brakes and hydraulics of off-road machinery.
- Construction, mining, quarry and agricultural equipment.
- Meets API CF; approvals Allison C-4 · Caterpillar TO-4 · DANA Powershift Transmissions · Komatsu KES07.861.1 · ZF TE-ML 03C & ZF TE-ML 07F.

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SASH LUBRICANTS®

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TECHNICAL PROPERTIES

		ASTM METHODS
Viscosity at 100 °C (cSt)	ASTM D-445	**9.3 - 12.5**
Viscosity index	ASTM D-2270	**100**
Flash point (°C)	ASTM D-92	**205**
Pour point (°C)	ASTM D-97	**-16**
Sulphated ash (%)	ASTM D-874	**< 2.0**
TBN (mg KOH/g)	ASTM D-2896	**>8**

PACKAGING



Bulk	IBC 1000 L	Drum 200 L	Drum 50 L	Drum 20 L	Box 4x5 L	Box 4x4 L	Box 12x1 L
Ref.	Ref. 100508	Ref. 100509	Ref. 100510	Ref. 100511	Ref. 110133	Ref. 110134	Ref. 110135

Minimum order (MOQ) · Box 4x4 L: 72 boxes. Other formats: subject to availability. Bulk on request.

NOTES

The information shown is based on current production data and may vary within the given tolerances. The temperature range is given as a general guide. Information and data may be modified without prior notice. This information supersedes previous editions.

SAFETY & HYGIENE

Safety Data Sheets (SDS) are available on request and should be consulted for appropriate information on handling, storage and disposal. The company shall not be liable for damage caused by improper use of the product or by failure to take the specified precautions. Keep out of the reach of children. Avoid prolonged skin contact and use suitable protective equipment. Do not pour into soil, drains or watercourses; used oil must be handed over to an authorised waste manager.

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