



## Heavy Duty Transmission and Drive train Lubricants

### **DELKOL GEAR OIL CATO-4**

#### **Product Description**

Delkol Gear oil CATO-4 are extra high performance ,heavy duty transmission and drive-train lubricants engineered to meet the rigorous specifications required by Caterpillar TO-4.This product line is uniquely designed to optimize the performance of powershift transmissions,gearboxes,and final drives. In hydraulics applications, they provide maximum protection even in high pressure systems.

This technology combines selected base oils and an advanced additive system to deliver the precise performance parameters needed to maximize the productivity of construction,quarrying,and mining equipment operating in severe conditions. These products offer a clear performance advantage over the use of mixed fleet engine oils and previously used lubricants meeting Caterpillar TO-2.

#### **Applications**

- Heavy duty transmissions, gear boxes, final drives, and hydraulic systems used in off highway applications.
- Off-highway industries including: mining, construction, quarrying, and agriculture.
- Manual, powershift, and automatic transmissions where Allison C-4 fluids (SAE 30 grade) are called for including Twin Disc and transmissions calling for Type F fluids.
- Suitable for most mobile equipment hydraulic applications.

#### **Specifications**

CATERPILLAR TO-4	ZF TE-ML 3C	ALLISON C-4
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#### **Typical Properties**

	<b>DELKOL GEAR CATO-4 30</b>	<b>DELKOL GEAR CATO-4 50</b>
SAE grade	30	50
density@15C kg/l,ASTM D 4052	0.885	0.900
Viscosity/cSt@40C /ASTM D 445	125	205
Viscosity/cSt@100C/ASTM D 445	12	17.5
Viscosity index ,ASTM D 2270	95	93
Fash Point,C /ASTM D 92	230	232

#### **Delek Lubricants**

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