



## Axle oil (AXO80)

Komatsu genuine Axle Oil (AXO80) has been formulated as lubricating Oil for wheel loader axles and articulate dump truck axles.

### Applications

*All Komatsu wheel Loaders and articulate dump trucks asking for products meeting KES 07.866*

### Performance Features

- ***Special high performance oil developed for axle units with integrated brake system.***

There shall be no noise and seizure of the wet type brake and limited slip differential (LSD) in the axle for wheel loaders and articulate dump trucks .

- ***Improved compatibility to bevel gear unit.***

The spiral bevel gear shall be free from scoring .

### Performance Specifications

KES07.866

### Health & Safety

Guidance on Health and Safety are available on the appropriate Komatsu Safety Data Sheet.

### Protect the environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

### Typical Physical Characteristics

Komatsu Genuine Axle Oil AXO80	
SAE Viscosity Grade	5W30
Cold viscosity -20 °C mPa·s{cP} -30 °C mPa·s{cP} (ASTM D97)	Below 4000 Below 60000
Kinematic Viscosity @40°C mm <sup>2</sup> /s @100°C mm <sup>2</sup> /s (ASTM D445)	57.0 9.6
Viscosity Index (ASTM D2270)	154
Color (ASTM D1500)	5.5
Density @ 15°C g/cm <sup>3</sup>	0.886
Flash Point°C (COC) (ASTM D92)	210
Pour Point °C (ASTM D97)	Below -40
Coefficient of friction Micro-clutch test KES 07.802	pass

These characteristics are typical of Current production.

# KOMATSU