

ICS 21.2
CCS J 17

JB

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

JB/T 8831-2024

**Selection method of lubricating oil for industrial enclosed gears
(English Translation)**

Issued on: October 24, 2024

Implemented on: May 1, 2025

Issued by: Ministry of Industry and Information Technology

Table of Contents

What this standard covers	1
Document data	2

What this standard covers

This standard specifies the type, viscosity and lubrication method selection method of lubricating oil for industrial enclosed gears, and specifies the maintenance and replacement requirements of lubricating oil. This standard applies to the selection of lubricating oils for closed gear transmissions of involute cylindrical gears, arc tooth cylindrical gears, bevel gears and worm gears, where the pitch circle circumferential speed of the cylindrical gear is not more than 170m/s and the maximum speed of the pinion is not more than 60000r/min. This standard does not apply to lubricating oils for gear transmissions with special requirements such as vehicles, clocks and instruments.

Document data

International classification (ICS): 21.2.

Chinese classification (CCS): J17.