

## JICHUAN SUPER MOLYMAX MOTOR OIL

A SUPER LONG DRAIN 14 TBN DIESEL ENGINE OIL - API SERVICE  
CI-4/SL

### PRODUCT DESCRIPTION:

JICHUAN SUPER MOLYMAX OIL is designed to meet the warranty requirements of most manufacturers of diesel engines and was specifically developed for diesel engines operating on high sulfur fuels. The high alkaline reserve (TBN) effectively protects bearings and other engine surfaces from the corrosive effect of acids formed by the combustion of high sulfur fuels. This motor oil is a blend of highly refined base oils and specially selected additives designed to provide excellent performance in all recommended applications. Contains an effective detergent-dispersant to keep sulfated ash to a minimum. Additionally fortified with oxidation-corrosion inhibitors, high temperature anti-wear additives and foam inhibitors to protect vital engine parts from scuffing and protect bearings from corrosion.

### TYPICAL USES:

- JICHUAN SUPER MOLYMAX MOTOR OIL SAE 15W-40 exceeds the Service Classifications CI-4/SL. SAE 30 exceeds CF/CF-2/SL, SAE 40 exceeds CF/CF-2/SL. These products are recommended for diesel engines using high sulfur fuels.
- Also recommended for use as "long drain" motor oil. Especially cost effective when used in conjunction with an effective used oil analysis program.
- Exceeds requirements of Caterpillar Series 3 and recommended when sulfur content of fuel is unknown or exceeds 0.05%.
- Exceeds Mack EO-K/2 specification. Mack's preferred recommendation is SAE Grade 15W-40.
- Meets and exceeds service requirements for Cummins engines.
- Recommended for all turbo-charged engines where manufacturer specific a CI-4, CH-4, CG-4, CF-4, CF, CF-2, CE, S-3, Mil-L-2104D, Mil-L-2104E or Mil-L-46152E level oil.
- NOT recommended for use in Detroit Diesel or EMD engines.
- Can be used in gasoline engines.
- SAE Grades 30 and 15W-40 meet the requirements of Allison C-4 torque fluid.

### FEATURES:

Shanghai Jichuan Trading Co.,Ltd.

Add: No 1201, Yin Hai Building, Caoxi Road, Xuhui District, Shanghai

24h Hotline: 15900706965

Website: [www.pingyiao.com](http://www.pingyiao.com)

Fax: (86)021-64513829

E-mail: [info@jichuan.sh.cn](mailto:info@jichuan.sh.cn)

Tel: (86)021-64820099



# Shanghai Jichuan Trading

- Contains Moly for extra protection
- High TBN/Alkaline Reserve - Effectively neutralizes corrosive acids to protect bearings and other vital engine surfaces.
- Minimizes ash deposits in combustion chamber and valve surfaces.
- High oxidation stability - Protects engine against sludge and varnish deposits.
- High alkaline reserve permits extending oil drain interval to maximum allowed by engine manufacturer.
- Effective anti-scurf additive protects cam lobes and other highly loaded parts from wear.
- 14 TBN exceeds Caterpillar's 10 TBN minimum for service when sulfur content of diesel is known.

## TYPICAL INSPECTIONS

SAE VISCOSITY GRADE	15W-40	30	40
GRAVITY, °API	28.3	25.2	24.5
FLASHPOINT, °F.	440	450	460
FIREPOINT, °F.	450	480	515
POURPOINT, °F.	-10	0	5
VISCOSITY:			
SUS@100°F.	500	588	810
SUS@210°F.	74.8	67.8	78.3
cSt@40°C.	97.5	112.4	153.8
cSt@100°C.	13.84	12.0	14.6
VISCOSITY INDEX	143	95	93
COLOR, D-1500	Grey	Grey	Grey
SULFATED ASH, WT. %	1.8	1.7	1.7
ZINC, WT. %	0.13	0.13	0.13
TBN, D-2896	14	14	14

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY

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