



Premium HD MOTOR OIL SERIES

CHAMPION PREMIUM HEAVY DUTY diesel motor oil series is made using Group II base stocks. These motor oils satisfy all current OEM warranty requirements in both older diesel engines and 2007 emission compliant engines equipped with Exhaust Gas Recirculation (EGR) and diesel particulate filters (DPF).

Features include:

- Outstanding thermal and oxidation control increasing viscosity stability at high temperature
- Premium anti-wear and cold flow protection during start up when wear is most significant
- Exceeds SAE and all major automotive manufacturers' warranty requirements and is approved for use in all foreign and domestic turbo charged diesel engines

CHAMPION PREMIUM HEAVY DUTY motor oils meet service fill requirements for all foreign and domestic turbo-charged on/off road diesel engines including;

- Caterpillar
- Cummins
- Detroit Diesel
- Freight Liner
- General Motors
- Isuzu
- J.I. Case / Case International
- John Deere
- Mack
- Navistar / International
- Mercedes Benz
- Mitsubishi
- Toyota
- Volvo
- Waukesha Dresser

See Your Vehicle Owners Manual for More Information

TYPICAL SPECIFICATION

SAE Grade	15W-40	40	10W-10	20W-20	30	50
Product Code	4152	4039	4036	4037	4038	4040
MSDS #	100	100	100	100	100	100
Gravity API @ 60° F	31.9	27.5	30.1	29.5	28.5	27.0
Pour Point ° F	-30	5	-30	-25	0	10
Flash Point ° F	440	490	400	415	440	510
cSt @ 40°C	114.0	144.0	37.6	58.0	111.0	220.0
cSt @ 100°C	14.8	14.4	5.9	7.8	12.1	19.2
TBN, mg KOH/gm	7.6	7.6	7.6	7.6	7.6	7.6
Sulfated Ash %wt	1.0 max	1.0 max	1.0 max	1.0 max	1.0 max	1.0 max
Color	3.0	3.0	3.0	3.0	3.0	3.0
Viscosity Index	134	99	101	101	100	99
API Service Level	CJ-4/SM	CF, CF-2/SM	CF	CF	CF, CF-2/SM	CF
Allison Transmission Type	C-3 & 4		C-3 & 4		C-3 & 4	

Call Our Friendly Sales Representatives for Available Package Sizes

Currently Available Only in 55-Gal Drum, 275-Gal Tote, and Bulk

4152 4039 4036 4037 4038 4040

EFFECTIVE 03/07

CHAMPION BRANDS, L.L.C. • 1001 Golden Drive • Clinton, MO 64735
ORDER DESK 800-821-5693